

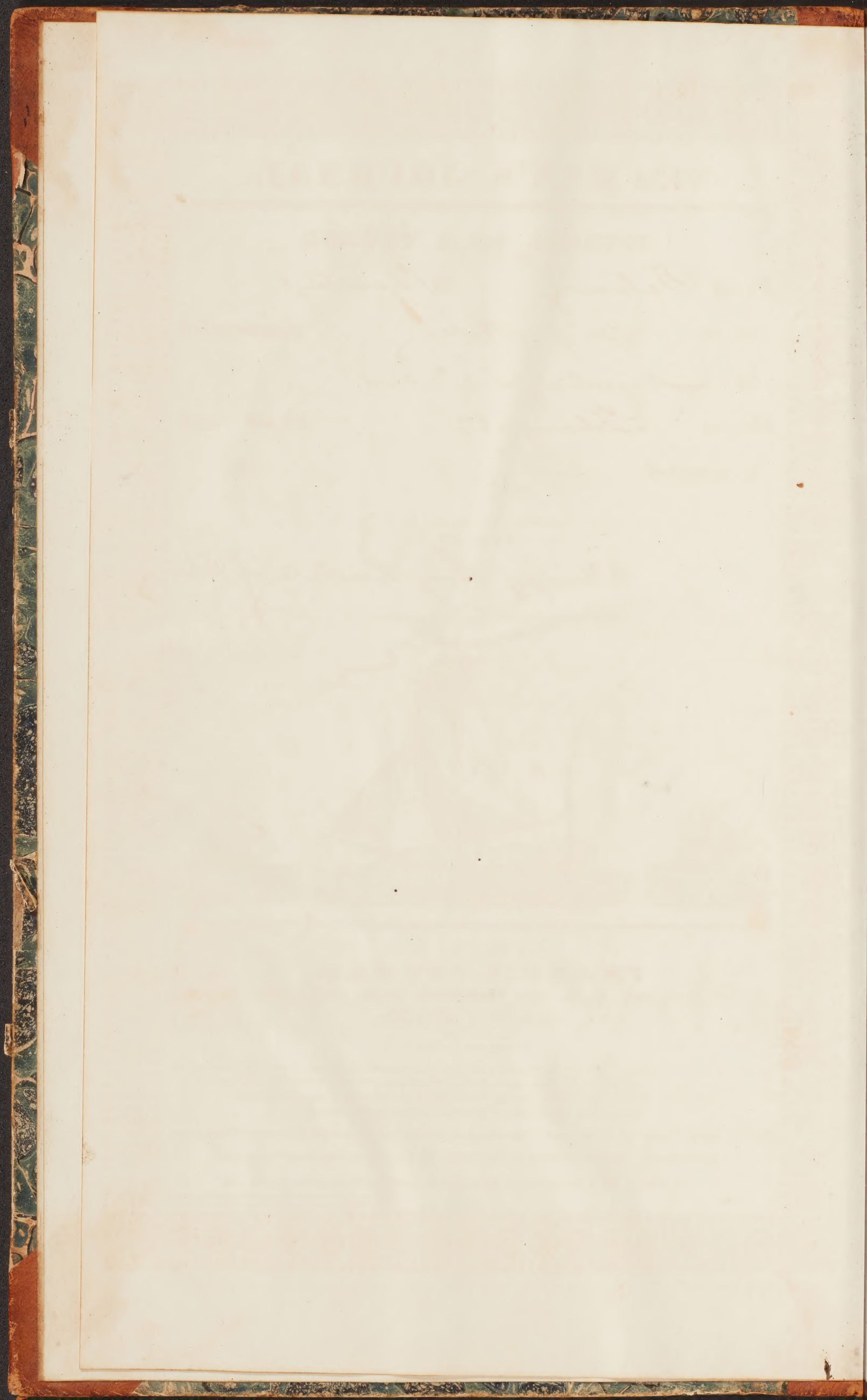
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Elbridge Gerry Kimball

Salem 1840

On board Brig Rolla

Wm



SEAMAN'S JOURNAL.

JOURNAL OF A VOYAGE

From *Salem* to *Zanzibar*
in the *Brig Rolla* commanded
by *Augustine J. Perkins*
Begun *February 25th* 1840 and
terminated *Jan 6th* 1841

KEPT BY

Elbridge Gerry Kimball of Salem



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STANLEY'S JOURNAL

JOURNAL OF A TRIP

1871

1871

1871



STANLEY'S JOURNAL

As far as I know, this is the only copy of the journal that has been preserved.

The journal is written in a very simple and direct style, and is a valuable record of the journey. It contains many interesting details of the country and the people, and is a most interesting read.

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Wednesday February 25th 1840

Brig Rolla from Salem towards Zanzibar

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|-----------|--------|------|---|
| 1 | | | | | | Commenced cloudy with light |
| 2 | 7 | - | East 65 | S S W | | hands from S S W. At 10 am left |
| 3 | 8 | 1 | | | | the wharf, and sailed for Friends and |
| 4 | 8 | 1 | | | | home, for one year at least. At 10,40 |
| 5 | 5 | 1 | | | | got under way, for Zanzibar - 11-15 |
| 6 | 5 | 1 | | South | | am backed up sail, opposite the Light |
| 7 | 5 | 1 | | | | and dropped Pilot (Mr. Perkins) |
| 8 | 5 | 1 | | | | at 1 Pm Thatchers Island bore |
| 9 | 5 | 1 | | | | in compass N & N dis. 7 miles, from |
| 10 | 5 | 1 | | | | which we take our departure - |
| 11 | 5 | 1 | | | | |
| 12 | 5 | 1 | | West | | Through the night moderate breeze |
| 1 | 4 | | | | | and thick weather - At 8 am wind |
| 2 | 5 | | E 6 5/2 S | N E | | hauled round to N.E. |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | Latter part strong breeze and thick |
| 5 | 5 | | | | | weather with snow |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | Cold and sea sick - How sweet |
| 8 | 5 | | | | | and sad are the thoughts of home |
| 9 | 5 | | E. S. E. | | | No obs. today - |
| 10 | 5 | | | | | May God grant us a quick and prosperous |
| 11 | 5 | | | | | voyage, and a safe return to our dear, dear friends |
| 12 | 5 | | 120 miles | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 3/4 W | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. Friday Feb. 28 th 1840 |
|----|----|------|-------------|--------|------|--|
| 1 | 5 | 1 | S. E. | E 2 E | 1/2 | Came in with brisk breeze and |
| 2 | 5 | 1 | | | | thick weather, with snow |
| 3 | 5 | 1 | | | | |
| 4 | 5 | 1 | | | | |
| 5 | 5 | | S. E. 1/2 S | | | Cold. Rigged the Cabin Stow and |
| 6 | 5 | | | | | got up a fire |
| 7 | 4 | | | | | |
| 8 | 4 | | S S E | East | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | Through the night brisk breeze |
| 11 | 4 | | | | | and thick - |
| 12 | 4 | | | | | |
| 1 | 5 | | | | | |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | Latter part more pleasant |
| 6 | 4 | | | | | all sail set to best advantage - |
| 7 | 4 | | S E 1/2 S | | | men engaged in putting vessel |
| 8 | 4 | | | | | in order - |
| 9 | 4 | | | | | Hope our friends are comfortable |
| 10 | 4 | 1 | | | | & happy - We aint - |
| 11 | 4 | 1 | | | | (2 ds. out) |
| 12 | 4 | 1 | | | | Lat. Obs. 40° 42' North |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 3/4 W | | | |

Brig Rolla from Salem towards Zanibar

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|------------------|----------------|------------|--|
| 1 | 3 | | | | | <i>Saturday Feb. 29th 1841</i> |
| 2 | 3 | | <i>S E 1/2 S</i> | <i>E 1/2 S</i> | <i>1/2</i> | <i>Comes in with light breezes and cloudy. At 1 P.M. got the main Royal Yard aloft and set the sail. At 2 set starboard fore top mast studding sail.</i> |
| 3 | 3 | | | | | |
| 4 | 2 | | | | | |
| 5 | 1 | | <i>S E 1/2 E</i> | | | |
| 6 | 1 | | | | | |
| 7 | 1 | | | | | <i>Throughout the night light baffling winds - attended with rain and sharp lightning from N.W. to S.W.</i> |
| 8 | 1 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | <i>west</i> | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | <i>Terminated with fine breezes from N.W. - All sails set before the wind.</i> |
| 1 | 3 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | <i>S.W.</i> | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | <i>Lat. Obs. 39° 42' North Long. for Chron. 64° 42' west</i> |
| 6 | 6 | | <i>S E 1/2 S</i> | <i>N.W.</i> | | |
| 7 | 6 | | | | | |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | <i>3 days out</i> |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|-------------|-------------|-----------|--------------|
| | | | | | | <i>7° N</i> | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|------------------|-------------|------|--|
| | | | | | | <i>Sunday March 1st 1841</i> |
| 1 | 7 | | <i>S E 1/2 S</i> | <i>N.W.</i> | | <i>Comes in with fine prosperous breezes and passing clouds. At 2 P.M. - Sailed ship, and set starboard studding sail - from 5 to 8 P.M. strong breezes from N.W. took in all light sails - Doubled reefed fore & single reefed main top sail.</i> |
| 2 | 7 | | | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | <i>S E 1/2 S</i> | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | <i>Throughout the night fresh gales and a rough sea on.</i> |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | <i>In the morning more moderate. Let out the reefs and set all sail again.</i> |
| 12 | 8 | | | | | |
| 1 | 8 | | | | | |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | <i>Terminated with strong breezes and squally.</i> |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 9 | | | | | <i>Lat. by Obs. 38° 55' North Long. for Chron. 61° 14' W</i> |
| 10 | 9 | | | | | |
| 11 | 9 | | | | | |
| 12 | 9 | | | | | |
| | | | | | | <i>4 days out,</i> |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|-------------|-------------|-----------|--------------|
| | | | | | | <i>7° N</i> | | | |

Brig *Rolla* from *Salem* towards *Zanzibar*

H. K. H.K. Courses. Winds. Lee. Remarks. *Monday March 2^d 1840*

| | | | | | | |
|----|---|---|---------|-------|--|---|
| 1 | 8 | / | S E B E | R R N | | Comes in with fine breezes and passing showers of rain. |
| 2 | 8 | / | | | | |
| 3 | 8 | / | | | | |
| 4 | 8 | / | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | Midday and latter part moderate breezes and passing clouds. At 5 am the wind hauled round to S.W. set starboard fore topmast studding sail. |
| 7 | 8 | | | R B M | | |
| 8 | 8 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | Terminates with fine breezes and pleasant weather - On bent the chains and took in starboard anchor - Stowed chains down in fore peak. |
| 12 | 5 | | | | | |
| 1 | 4 | | | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | Lat. by Ob. 38° North Long. by Chron 58° 39' West |
| 5 | 1 | | | | | |
| 6 | 2 | | | | | |
| 7 | 3 | | | | | |
| 8 | 4 | | | | | |
| 9 | 5 | | E S E | S B M | | (5 days out) |
| 10 | 5 | | | | | |
| 11 | 5 | | S E B E | S M | | |
| 12 | 5 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 0° | | | |

H. K. H.K. Courses. Winds. Lee. Remarks. *Tuesday March 3^d 1840*

| | | | | | | |
|----|---|---|-------------------|--|--|---|
| 1 | 7 | | S E B E 1/2 E S M | | | Comes in with strong breezes from S.W. and thick weather - At 5 P.M. took in all light sails, double reefed the fore and single reefed main top sail - At 8 P.M. gale increasing close reefed fore & double reefed main top sail. |
| 2 | 7 | | | | | |
| 3 | 7 | / | | | | |
| 4 | 7 | / | | | | |
| 5 | 8 | | S E B E | | | |
| 6 | 8 | | | | | Midnight took in the fore sail strong gales and a rough sea on |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 9 | / | | | | |
| 10 | 9 | / | | | | |
| 11 | 9 | / | | | | Terminates pleasant weather and fine breezes - all sails set to best advtg. |
| 12 | 9 | / | | | | |
| 1 | 8 | / | | | | |
| 2 | 8 | / | | | | |
| 3 | 8 | / | | | | |
| 4 | 8 | | | | | Lat. by Ob. 37° 44' North Long. by Chron. 54° 44' West |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | S E 1/2 E | | | |
| 9 | 7 | | | | | (5 days out) |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 0° | | | |

Brig *Rolla* from *Salem* towards *Parvibar*

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|-----------------------|---------|------|---|
| 1 | 7 | | S E $\frac{1}{2}$ E | N m b m | | Comes in with fine breezes and pleasant weather - all sails set before the wind. |
| 2 | 7 | | | | | |
| 3 | 7 | | S. E. | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 5 | | | | | Middly part light breezes and and thick weather with sharp lightning in S m. - at 3 am wind hauled to South. - At 4 took in all light sails - from 5 to 8 set them again. |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | Commences with strong breezes from S m and thick hazy weather. |
| 12 | 2 | | | | | |
| 1 | 2 | 1 | | | | |
| 2 | 1 | 1 | | | | |
| 3 | 1 | 1 | | | | |
| 4 | 1 | 1 | | S S E | | Lat. Obs. $37^{\circ} 05' N$ Long. for Chron. $52^{\circ} 55' W$ 7 days out |
| 5 | 5 | 1 | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 3 | | | | | |
| 9 | 6 | | | | | S m |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | 113 $\frac{1}{2}$ dis | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 0° | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|---|
| 1 | 7 | | S E B S | N b S | | Begins with fine breezes from the westward. At 1 P m took in the Light Sails - At 4 set them again. |
| 2 | 7 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | Throughout the night fine breezes and pleasant weather. At 6 am set the starboard main top mast and main top gallant stidge - Sails |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | Ends the same. Men employed in various jobs of ships duty. Got up new top gallant Back stays - Got out the flying jibboom and set the flying Lib. |
| 12 | 8 | | | | | |
| 1 | 8 | | | | | |
| 2 | 8 | | | | | |
| 3 | 8 | | | S m | | |
| 4 | 8 | | | | | Lat. Obs. $35^{\circ} 11' N$ Long for Chron. $50^{\circ} 19' W$ 8 days out |
| 5 | 7 | | | | | |
| 6 | 6 | | | | | |
| 7 | 5 | | | South | | |
| 8 | 5 | | | | | |
| 9 | 6 | | | | | 173 |
| 10 | 6 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 7° | | | |

Brig Rother from Salem towards Philadelphia

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|--|
| 1 | 7 | | SE 1/2 E | SSW | 1/2 | fresh, gusty, breezes and cloudy weather. At 5 P.M. took in all, right sails. At 10 the gale increasing, took in the main sail, & double, breezed the top sails. |
| 2 | 7 | | | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | 1 | | | | Fresh, gales & thick heavy weather, all night, took in, Sails. |
| 11 | 8 | 1 | | | | |
| 12 | 5 | 1 | | | | |
| 1 | 5 | | | | | |
| 2 | 5 | | | | | Terminates with, heavy gales from the South, and a rough sea on. At 11 A.M. Breezed fore, sail, & fore, top sail. |
| 3 | 4 | 1 | | | | At 12 noon, began to, under close reef, main, top sail, and double, reefed, fore sail. Heavy rain and hail with a rough sea on. |
| 4 | 4 | 1 | | | | |
| 5 | 4 | 1 | | | | |
| 6 | 0 | | SE 1/2 E | | | |
| 7 | 8 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 4 | 1 | | South, | 3/4 | No observation, this day - |
| 11 | 3 | | SE 1/2 E | | | (9 days out) |
| 12 | 5 | 1 | 147 | | 15 | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 7° | | | |

| H. | K. | H.K. | Courses. | Winds. | Lec. | Remarks. |
|----|----|------|---------------------|--------|------|--|
| 1 | 0 | 0 | Le S S E off S E | | 8 | |
| 2 | 0 | 0 | Light 2 1/2 fathoms | | | Coming in, with, small boats, many ice a heavy sea running. At 2 1/2 fms. |
| 3 | 1 | 1 | E S E | West | 0 | more, moderate, east off E S E. At |
| 4 | 1 | 1 | | | | H. also, under way, but sail off, early |
| 5 | 1 | 1 | | | | At 9 let Top 'gallant' sails. No rain |
| 6 | 1 | 1 | | | | and rain, in torrents all the afternoon |
| 7 | 1 | 1 | S E S | N N N | | running down, the wind, but not |
| 8 | 7 | 7 | | | | of boats, but, the, then the, spray over the |
| 9 | 7 | 7 | | | | decks is a caution. It looks like, dark |
| 10 | 7 | 7 | | | | columns of smoke & steam. |
| 11 | 7 | 7 | | | | |
| 12 | 7 | 7 | | | | |
| 1 | 7 | 7 | | | | Overboard the, night ends, being one |
| 2 | 7 | 7 | | | | cloudy weather. |
| 3 | 7 | 7 | | N N | | |
| 4 | 7 | 7 | | | | Ends with fine, breezes & pleasant |
| 5 | 7 | 7 | | | | weather. Let all the sails out, and |
| 6 | 7 | 7 | | | | set 'Lubber' Studding Sails. |
| 7 | 7 | 7 | | | | After dinner got six detours over |
| 8 | 7 | 7 | | | | 4 Nov. which makes us in Long. |
| 9 | 1 | 1 | | | | 45° 51' North. Then stands at 51° 10' |
| 10 | 1 | 1 | | | | |
| 11 | 1 | 1 | | N S N | | 10 days out, Lat. 65° 53' 24' North, |
| 12 | 1 | 1 | 14 8 | | | Long. for Com. 40° 41' West |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 7° | | | |

[illegible]

Trig. 1116 from Salem towards Gunville

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|--------------|--------|------|----------|
| 1 | ~ | | S 6 E | Steady | | |
| 2 | ~ | | | | | |
| 3 | ~ | | E S E | | | |
| 4 | ~ | | | | | |
| 5 | ~ | | | | | |
| 6 | ~ | | | | | |
| 7 | ~ | | | | | |
| 8 | ~ | | | | | |
| 9 | ~ | | | | | |
| 10 | ~ | | | | | |
| 11 | ~ | | E S E | | | |
| 12 | ~ | | | | | |
| 1 | ~ | | E S E | S 6 E | | |
| 2 | ~ | | | | | |
| 3 | ~ | | | | | |
| 4 | ~ | | | | | |
| 5 | ~ | | | | | |
| 6 | ~ | | | | | |
| 7 | ~ | | | | | |
| 8 | ~ | | | | | |
| 9 | ~ | | | | | |
| 10 | ~ | | | | | |
| 11 | ~ | | | | | |
| 12 | ~ | | 87 1/2 miles | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 10° | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|-----------------|----------|------|----------|
| 1 | ~ | | E S E | Variable | | |
| 2 | ~ | | | | | |
| 3 | ~ | | | | | |
| 4 | ~ | | E S E | | | |
| 5 | ~ | | | | | |
| 6 | ~ | | | | | |
| 7 | ~ | | E S E | | | |
| 8 | ~ | | | | | |
| 9 | ~ | | | | | |
| 10 | ~ | | | | | |
| 11 | ~ | | | | | |
| 12 | ~ | | | | | |
| 1 | 0 | 0 | | | | |
| 2 | 0 | 0 | Calm & baffling | | | |
| 3 | 0 | 0 | | | | |
| 4 | 0 | 0 | | | | |
| 5 | 0 | 0 | | | | |
| 6 | 1 | | | | | |
| 7 | 1 | | | | | |
| 8 | 1 | | | | | |
| 9 | ~ | | | | | |
| 10 | ~ | | | | | |
| 11 | ~ | | | | | |
| 12 | ~ | | 48 miles | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 17° | | | |

Brig *Rolla* from *Salem* towards *by Anvik*

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|------------------------------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | coming with Light variable |
| 4 | | | | | | and fine weather - At 10 P.M. |
| 5 | | | | | | took ship & stood to East |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | 4 | | | | | |
| 11 | | | | | | Middle & latter part light air |
| 12 | | | | | | & calm. |
| 1 | | | | | | fine wind & clear weather - Under |
| 2 | | | | | | a new star layer, but not in sight |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | Barometer 30.2 - 5 P.M. 71° |
| 10 | | | | | | Lat. 66° 20' 22" North |
| 11 | | | | | | Long. 159° 49' 11" West |
| 12 | | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 17° | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|----------|------|-----------------------------------|
| 1 | / | | East | variable | | |
| 2 | / | | | | | |
| 3 | / | | | | | coming with light baffling winds |
| 4 | / | | E & E | | | and pleasant weather - At 10 P.M. |
| 5 | 2 | | | | | took ship & stood to East |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 4 | | S & N | | | |
| 9 | 4 | | | | | |
| 10 | 2 | | | | | Middle & latter part light air |
| 11 | 2 | | | | | & calm. |
| 12 | 2 | | | | | |
| 1 | 2 | | | | | |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | As usual, my skull is but |
| 4 | 2 | | | | | lively today - |
| 5 | 2 | | East | | | |
| 6 | 2 | | E & E | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | Lat. 60° 12' North |
| 9 | 2 | | | | | Long. 159° 49' 11" West |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | 59 miles | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 17° | | | |

1000 Nolla from *Salem* towards *Agassiz*

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|----------|------|--|
| 1 | 1 | | East | Drifting | 3/4 | This day begins as usual with light air and calms. with what little wind we have, right ahead, but I hope it will not always be so. Tacked Ship to E + S W 4 times, but its no use. Have lost 11 miles of hard earned Latitude today and made but 10 miles of Longitude. Men employed setting up Riggering Crib & Aft. Have had great quantities of Gull meat round us for a fortnight. The 73° Bar. 30.4 Lat. 58° 30' 33" North Long. 174° 00' 00" West |
| 2 | 1 | | | | | |
| 3 | 1 | | | | | |
| 4 | 1 | | | | | |
| 5 | 1 | | | | | |
| 6 | 1 | | | | | |
| 7 | 1 | | | | | |
| 8 | 3 | | S W | | | |
| 9 | 4 | | East | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | E + S | | | The 73° Bar. 30.4 Lat. 58° 30' 33" North Long. 174° 00' 00" West |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 2 | | W S W | | | |
| 12 | 2 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 17° | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|----------|------|--|
| 1 | 2 | | N. E. | | 62 | This day begins with light wind & pleasant weather. At 11 AM. took in, Long. 174° 00' 00" West. Sun by Ring standing N. 9° W. Did not exchange signals. Wind ahead as usual. I wish I had a Steam Engine here of 500 horse power. I wish I had the R. & E. and Variation 1 point West. My face continues much swelling. Lat. 58° 00' 45" North Long. 174° 00' 00" West |
| 2 | 3 | | | | | |
| 3 | 3 | | East | Drifting | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | The 73° Bar. 30.4 Lat. 58° 00' 45" North Long. 174° 00' 00" West |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 10° | | | |

I have the eyes in my face today.

1000
Brig Rolla from Salem towards Fairhaven,

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|--|
| 1 | e | | | | | Comes in with brisk breezes & passing clouds. |
| 2 | e | | | | | |
| 3 | e | | | | | |
| 4 | e | | | | | |
| 5 | e | / | | | | |
| 6 | e | / | | | | |
| 7 | e | / | | | | |
| 8 | e | / | | | | |
| 9 | e | | | | | |
| 10 | e | | | | | At 5 th A.M. sun & light clouds N. E. M. |
| 11 | e | | | | | |
| 12 | e | | | | | |
| 1 | e | | | | | Ends finer pleasant weather. Mat. b. employed repairing the main, sailing Ther. 70° - 80° - 90° - 100° - 110° - 120° Lat. 39° 17' North Long. 74° 42' West |
| 2 | e | | | | | |
| 3 | e | | | | | |
| 4 | e | | | | | |
| 5 | e | | | | | |
| 6 | e | / | | | | |
| 7 | e | / | | | | |
| 8 | e | / | | | | |
| 9 | e | / | | | | |
| 10 | e | / | | | | |
| 11 | e | / | | | | |
| 12 | e | / | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|---------|-------------|-----------|--------------|
| | | | | | | 1 point | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|----------|------|--|
| 1 | b | | S. S. E. | N. M. | 1/2 | Comes in with brisk breezes & cloudy - At 10 P.M. set the starboard Sheddling Tails. |
| 2 | b | | | | | |
| 3 | b | | | | | |
| 4 | b | / | | | | |
| 5 | b | / | | | | |
| 6 | b | / | | | | |
| 7 | b | / | S. E. | | | Fine breezes & passing clouds - Wind inclining more westerly. At 6 A.M. Wind hauled to N. M. attended with heavy rain - Saw a Brig standing to S. M. |
| 8 | b | / | | | | |
| 9 | b | / | South | N. S. M. | | |
| 10 | b | / | | | | |
| 11 | b | / | | | | |
| 12 | b | / | | | | |
| 1 | b | | S. M. | | | Ends more pleasant, all day set rods out, Lat. Obs ^d 37° 17' North Long. for Chron. 72° 42' West |
| 2 | b | | | | | |
| 3 | b | | | | | |
| 4 | b | | | | | |
| 5 | b | | | | | |
| 6 | b | | | | | |
| 7 | b | | | | | |
| 8 | b | / | | | | |
| 9 | b | / | | | | |
| 10 | b | / | | N. M. | | |
| 11 | b | / | | | | |
| 12 | b | / | | North | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 1 | | | |

Brig Rolla from Salem towards *by Annabar*

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|---------|------|--|
| 1 | 1 | 1 | South | Buffing | 1/2 | Commenced with light air & calms |
| 2 | 1 | 1 | | | | |
| 3 | 1 | 1 | | | | |
| 4 | 1 | 1 | | | | |
| 5 | 1 | 1 | | | | |
| 6 | 1 | 1 | | | | Tom is sick below-gang, him & cat's |
| 7 | 1 | 1 | | | | |
| 8 | 1 | 1 | | | | |
| 9 | 1 | 1 | | | | |
| 10 | 2 | | | | | Middle part light breeze & fine, pleasant |
| 11 | 2 | | | | | weather - fully moon - At 4 a.m. |
| 12 | 2 | | | | | took a fine breeze from, N.E.W. |
| 1 | 2 | | | | | |
| 2 | 2 | | | | | |
| 3 | 3 | | | | | |
| 4 | 4 | | | | | |
| 5 | 5 | | | | | At a.m. wind hauled to N.E.W. attended |
| 6 | 5 | | | | | with heavy squalls - took in all light sails |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 7 | | | | | Thur. 7 th Br. 30° - Lat |
| 10 | 7 | | | | | Long. 3 |
| 11 | 7 | | | | | 21 days out |
| 12 | 7 | 77 | S.E.W. | N.E.W. | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 1 | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|---------------------------------|
| 1 | 7 | | South | N.E.W. | 1/2 | Commenced with strong breeze |
| 2 | 7 | | | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | Mixed - better part fine breeze |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |
| 1 | 7 | | | | | Made up of 10 days only |
| 2 | 7 | | | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | Lat. 18° 30' N. Br. 20° |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 1 | | | |

| • Frigate <i>Folly</i> from <i>Dublin</i> towards <i>London</i> | | | | | | | | | | |
|---|----|-------|------------|-----------|---------------|--|----------------------------------|-------------|-----------|--------------|
| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. | Friday May 20 th 1790 | | | |
| 1 | 7 | | off E | off N & M | | Came in with brisk breeze and fine pleasant weather. | | | | |
| 2 | 7 | | | | | | | | | |
| 3 | 7 | | | | | | | | | |
| 4 | 7 | | | | | | | | | |
| 5 | 7 | | | | | | | | | |
| 6 | 7 | | | | | | | | | |
| 7 | 7 | | | | | | | | | |
| 8 | 7 | | | | | | | | | |
| 9 | 7 | | | | | | | | | |
| 10 | 7 | | | | | | | | | |
| 11 | 7 | | | | | Same. Latter part light baffling wind, & heavy. At 7 A.M. lashed Ship, to Westward. At 10 A.M. lashed to East. Com. is still sick & off duty. Last obs. 22° 30' North, Long. for (Nov. 28' 05' West) | | | | |
| 12 | 7 | | | | | | | | | |
| 1 | 7 | | | | | | | | | |
| 2 | 7 | | | | | | | | | |
| 3 | 7 | | | | | | | | | |
| 4 | 7 | | | | | | | | | |
| 5 | 7 | | | | | | | | | |
| 6 | 7 | | | | | | | | | |
| 7 | 7 | | | | | | | | | |
| 8 | 7 | | | | | | | | | |
| 9 | 7 | | | | | | | | | |
| 10 | 7 | | | | | | | | | |
| 11 | 7 | | | | | | | | | |
| 12 | 7 | | | | | | | | | |
| Course. | | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
| | | | | | | | / | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. | Saturday Mar. 21 st 1790 | | | |
|---------|----|-------|--------------------|--------|---------------|---|-------------------------------------|-------------|-----------|--------------|
| 1 | 4 | | 2 ^d S E | N S M | | Came in with light baffling winds & pleasant weather. On shipped the old Main, Boom, & shipped new one. At 9 P.M. lashed Ship, to N. S. M. | | | | |
| 2 | 4 | | | | | | | | | |
| 3 | 4 | | | | | | | | | |
| 4 | 4 | | | | | | | | | |
| 5 | 4 | | | | | | | | | |
| 6 | 4 | | | | | | | | | |
| 7 | 4 | | | | | | | | | |
| 8 | 4 | | | | | | | | | |
| 9 | 4 | | | | | | | | | |
| 10 | 4 | | | | | | | | | |
| 11 | 4 | | | | | Mildly part light winds & cloudy. At 1.30 A.M. lashed Ship, to East. - Com. Ship, in long time, that was under as above. head wind, all the time. Lat. 21 + no trades. bad business. Last obs. 21° 27' North, Long. for (Nov. 28' 05' West) | | | | |
| 12 | 4 | | | | | | | | | |
| 1 | 4 | | | | | | | | | |
| 2 | 4 | | | | | | | | | |
| 3 | 4 | | | | | | | | | |
| 4 | 4 | | | | | | | | | |
| 5 | 4 | | | | | | | | | |
| 6 | 4 | | | | | | | | | |
| 7 | 4 | | | | | | | | | |
| 8 | 4 | | | | | | | | | |
| 9 | 4 | | | | | | | | | |
| 10 | 4 | | | | | | | | | |
| 11 | 4 | | | | | | | | | |
| 12 | 4 | | | | | | | | | |
| Course. | | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
| | | | | | | | / | | | |

Wing Hatter, from Dublin towards Harwich

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|------------------------------------|
| 1 | 2 | 3 | S.E. | Light | 10 | Light haggling, mists, and clouds. |
| 2 | 3 | | | | | At 10 AM. tack & sail. |
| 3 | 3 | | | | | At 11 AM. |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 15° | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|----------|
| 1 | 2 | 3 | N. 2 N. | Light | 12 | |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | |
| 1 | 2 | | | | | |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 15° | | | |

His Majesty from *Salem* towards *Lanzibar*

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|----------|------|--|
| 1 | 2 | 1 | 200 | variable | | Tuesday Mar. 24 th 1840 |
| 2 | 2 | 1 | | | | going in as usual with light |
| 3 | 2 | 1 | | | | bagging winds + clear weather. At |
| 4 | 2 | 1 | | | | 8 P.M. took ship to westward. |
| 5 | 2 | 1 | | | | |
| 6 | 1 | | | | | At 7 took a light breeze from the west |
| 7 | 1 | | | | | Set the standard stand still. |
| 8 | 1 | | | | | |
| 9 | 1 | | | | | |
| 10 | 1 | | | | | |
| 11 | 1 | | | | | |
| 12 | 1 | | | | | |
| 1 | 1 | | | | | Variable + latter end light breeze |
| 2 | 1 | | | | | wind - pleasant all day light |
| 3 | 1 | | | | | standing E.S.E. |
| 4 | 1 | | | | | |
| 5 | 1 | | | | | |
| 6 | 1 | | | | | |
| 7 | 1 | | | | | |
| 8 | 1 | | | | | |
| 9 | 1 | | | | | |
| 10 | 1 | | | | | |
| 11 | 1 | | | | | |
| 12 | 1 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 15° | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|--|
| 1 | 0 | | | | | Wednesday Mar 25 th 1840 |
| 2 | 0 | | | | | going in with light breeze + calm. |
| 3 | 0 | | | | | Left along the coast (land) and got up |
| 4 | 0 | | | | | in view only. The breeze still in |
| 5 | 0 | | | | | light. At 8 P.M. took a light |
| 6 | 0 | | | | | breeze from the N.W. |
| 7 | 0 | | | | | |
| 8 | 0 | | | | | |
| 9 | 0 | | | | | |
| 10 | 0 | | | | | |
| 11 | 0 | | | | | |
| 12 | 0 | | | | | |
| 1 | 0 | | | | | Variable + latter light breeze |
| 2 | 0 | | | | | + pleasant all day set before |
| 3 | 0 | | | | | the wind. |
| 4 | 0 | | | | | |
| 5 | 0 | | | | | |
| 6 | 0 | | | | | |
| 7 | 0 | | | | | |
| 8 | 0 | | | | | |
| 9 | 0 | | | | | |
| 10 | 0 | | | | | |
| 11 | 0 | | | | | |
| 12 | 0 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 15° | | | |

Enio Tolla from Salem towards Lawrence

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|---------------------------------------|
| 1 | + | | SSm | RRm | | Comes in with fine breeze from |
| 2 | + | | | | | N. N. W. & pleasant weather - |
| 3 | + | | | | | |
| 4 | + | | | | | |
| 5 | + | | | | | |
| 6 | + | | | | | |
| 7 | + | | | | | |
| 8 | + | | | | | |
| 9 | + | | | | | |
| 10 | + | | | | | |
| 11 | + | | | | | |
| 12 | + | | | | | |
| 1 | + | | | North | | Throughout the night fine breeze |
| 2 | + | | | | | & pleasant weather - |
| 3 | + | | | | | |
| 4 | + | | | | | |
| 5 | + | | | RRW | | Ends same, all sails set before |
| 6 | + | | | | | the wind. At 8 A.M. spoke 3 Barks |
| 7 | + | | | | | from Philadelphia 18 lb. of gunpowder |
| 8 | + | | | | | Lat. 17° 10' N. Long. 73° 37' W. |
| 9 | + | | | | | (29 sails set) Per cent & more 28 38 |
| 10 | + | | | | | |
| 11 | + | | | | | |
| 12 | + | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|-------------|
| | | | | | | 2 | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|------------------------------------|
| 1 | | | | | | Training Mar 27 th 1880 |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 10-0 | | | |

Brig *Rolla*, from *Salem* towards *Hawaii*

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|----------|------|---|
| 1 | | | South | North | | <p> <i>Calcutta Mar. 28th 1840</i> Came in, with moderate wind + thick hazy weather. The Phil. Barges still in sight astern. </p> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | <p> Midday + latter part light baffling wind + thick weather. Watch employed in sweeping side. Lat. 14° 10' 00" North Long. 150° 00' 00" West (31 days out, 8th) </p> |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | South | Baffling | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 14° | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|--|
| 1 | | | South | West | | <p> <i>Monday Mar. 29th 1840</i> The wind, breeze from, N.W. and thick hazy weather. The Philadelphia's Barges yet in sight astern. </p> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | <p> Midday + latter part variable winds - pleasant weather. All sails set to best advantage. Lat. 14° 41' North Long. 150° 27' West (32 days out Mar. 29 about zero) </p> |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 14° | | | |

Orig. Colla from Salem, towards Lonsibay

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|---|
| 1 | 3 | 1 | S. by E. | North | | Monday Mar. 20 1840 Came in with light winds from the North & fine, pleasant weather. At 10 P.M. wind backed to E. N. E. Took in the hoists & set before and mudding sails. |
| 2 | 3 | 1 | | | | |
| 3 | 3 | 1 | | | | |
| 4 | 3 | 1 | | | | |
| 5 | 3 | 1 | | | | |
| 6 | 3 | 1 | | | | |
| 7 | 3 | 1 | | | | |
| 8 | 3 | 1 | South | | | |
| 9 | 3 | 1 | | | | |
| 10 | 3 | 1 | | | | |
| 11 | 3 | 1 | | | | |
| 12 | 3 | 1 | | | | |
| 1 | 4 | 1 | | | | Tuesday Mar. 21 1840 Mixed - latter part greatly better & fine weather. Many employed for mending ship. Lat. Obs. 13° 37' North Long. for (Cor. 27° 21' W) 22 days out, |
| 2 | 4 | 1 | | | | |
| 3 | 4 | 1 | | | | |
| 4 | 4 | 1 | | | | |
| 5 | 4 | 1 | | | | |
| 6 | 4 | 1 | | | | |
| 7 | 4 | 1 | | | | |
| 8 | 4 | 1 | | East | | |
| 9 | 4 | 1 | | | | |
| 10 | 4 | 1 | | | | |
| 11 | 4 | 1 | | | | |
| 12 | 4 | 1 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|---------|-------------|-----------|--------------|
| | | | | | | 1 point | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|----------|------|--|
| 1 | 4 | 1 | South | N. N. E. | | Came in with fine breeze & pleasant weather. All sail set to the best advantage. |
| 2 | 4 | 1 | | | | |
| 3 | 4 | 1 | | | | |
| 4 | 4 | 1 | | | | |
| 5 | 4 | 1 | S. by E. | N. E. | | |
| 6 | 4 | 1 | | | | |
| 7 | 4 | 1 | | | | |
| 8 | 4 | 1 | | | | |
| 9 | 4 | 1 | | | | |
| 10 | 4 | 1 | | | | |
| 11 | 4 | 1 | | | | |
| 12 | 4 | 1 | | | | |
| 1 | 4 | 1 | | | | Mixed - latter part sunny Lat Obs. 9° 57' North Long. for (Cor. 25° 50' West) (24 days out) |
| 2 | 4 | 1 | | | | |
| 3 | 4 | 1 | | | | |
| 4 | 4 | 1 | | | | |
| 5 | 4 | 1 | | | | |
| 6 | 4 | 1 | | E. N. E. | | |
| 7 | 4 | 1 | | | | |
| 8 | 4 | 1 | | | | |
| 9 | 4 | 1 | | | | |
| 10 | 4 | 1 | | | | |
| 11 | 4 | 1 | | | | |
| 12 | 4 | 1 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 1 | | | |

Bris Bally from *Salem* towards *Zanzibar*

H. K. H. K. Courses. Winds. Lee. Remarks. *Wednesday April 1st 1840*

| | | | | | | |
|----|---|---|------------|------------|------------|---|
| 1 | 7 | / | <i>S E</i> | <i>N E</i> | <i>N E</i> | <i>Commences with brisk breezes & thick haze weather All sail set to best advantage</i> |
| 2 | 7 | / | | | | |
| 3 | 7 | / | | | | |
| 4 | 7 | / | | | | |
| 5 | 7 | / | | | | |
| 6 | 7 | / | | | | |
| 7 | 7 | / | | | | |
| 8 | 7 | / | | | | |
| 9 | 7 | / | | | | |
| 10 | 7 | / | | | | |
| 11 | 7 | / | | | | |
| 12 | 7 | / | | | | |
| 1 | 7 | / | | | | <i>Ends with brisk breezes & more pleasant Ends up lat. Obs. $7^{\circ} 10'$ North Long. by Chron. $25^{\circ} 20' W$</i> |
| 2 | 7 | / | | | | |
| 3 | 7 | / | | | | |
| 4 | 7 | / | | | | |
| 5 | 7 | / | | | | |
| 6 | 7 | / | | | | |
| 7 | 7 | / | | | | |
| 8 | 7 | / | | | | |
| 9 | 7 | / | | | | |
| 10 | 7 | / | | | | |
| 11 | 7 | / | | | | |
| 12 | 7 | / | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | / | | | |

H. K. H. K. Courses. Winds. Lee. Remarks. *Thursday April 3rd 1840*

| | | | | | | |
|----|---|---|------------|------------|--|--|
| 1 | 7 | / | <i>S E</i> | <i>N E</i> | | <i>Comes in with brisk breezes - fine pleasant weather. Have had my 2nd boom chained scraped & painted white.</i> |
| 2 | 7 | / | | | | |
| 3 | 7 | / | | | | |
| 4 | 7 | / | | | | |
| 5 | 7 | / | | | | |
| 6 | 7 | / | | | | |
| 7 | 7 | / | | | | |
| 8 | 7 | / | | | | |
| 9 | 7 | / | | | | |
| 10 | 7 | / | | | | |
| 11 | 7 | / | | | | |
| 12 | 7 | / | | | | |
| 1 | 7 | / | | | | <i>Ends pleasant breeze tending to N. W. Experienced a current setting to the South nearly 1/2 hour Lat. Obs. $4^{\circ} 10'$ N Long. by Chron. $24^{\circ} 20' W$ Ends pleasant</i> |
| 2 | 7 | / | | | | |
| 3 | 7 | / | | | | |
| 4 | 7 | / | | | | |
| 5 | 7 | / | | | | |
| 6 | 7 | / | | | | |
| 7 | 7 | / | | | | |
| 8 | 7 | / | | | | |
| 9 | 7 | / | | | | |
| 10 | 7 | / | | | | |
| 11 | 7 | / | | | | |
| 12 | 7 | / | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | / | | | |

his letter from Salem towards Cambridge

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|--------------------------------|
| 1 | | | | | | Monday April 18 1848 |
| 2 | | | | | | |
| 3 | | | | | | Partly Foul & pleasant |
| 4 | | | | | | weather. |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | Fine & clear, wind S.W. |
| 12 | | | | | | |
| 1 | | | | | | Fair, S. breeze, weather clear |
| 2 | | | | | | and with, sharp lightning. |
| 3 | | | | | | |
| 4 | | | | | | Saw 2, Buoys, standing to |
| 5 | | | | | | the North. |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | Lat 16° 31' North |
| 11 | | | | | | |
| 12 | | | | | | Long 100° 31' 39" W |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | / | | | |

| H. | R. | H.K. | Courses. | Winds. | Lcc. | Remarks. |
|----|----|------|----------|--------|------|------------------------------------|
| 1 | | | | | | Thursday April 4 th 184 |
| 2 | | | | | | Light baffling winds and |
| 3 | | | | | | thick hazy weather. |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | Breeze & latter part calm. |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | Employed working & painting |
| 2 | | | | | | last part today. |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | / | | | |

Day 11th from Salem towards Larchmont

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|-----------------|--------|------|--|
| 1 | | | South, variable | | | Light baffling winds & squalls |
| 2 | | | | | | appearances. At 11 AM, temporarily standing Quits. |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | to West | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | 1 | | | | | Thermometer 52° |
| 10 | 0 | | | | | |
| 11 | 0 | | | | | |
| 12 | 0 | | | | | Thickly & latter part squalls |
| 1 | 3 | | | | | calms. with strong light breeze |
| 2 | 2 | | | | | This Brig is very foul, she began to steam last night in earnest |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 0 | | | | | |
| 6 | 3 | | | | | |
| 7 | 0 | | | | | |
| 8 | | | | | | It has nearly spoiled all the paint & every thing else below my State room, Cabin & every thing else. We can't stay below there. |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | Lat. 5.34 N. Long. 75.20 W. |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 1 W | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|------------|------|---|
| 1 | | | South | | | comes in with light variable winds, and passing squalls. |
| 2 | | | | | | |
| 3 | | | S. E. | | | At 9 AM - weather clearing |
| 4 | 3 | | | | | |
| 5 | 0 | | | | | |
| 6 | 0 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | (We have had very hard Luck so far 4 days out to Equator). (A.S.P.) |
| 9 | 3 | | | | | |
| 10 | 3 | | N. S. W. | | | gently breezes from the |
| 11 | 3 | | | | | S. E. and passing clouds. |
| 12 | 3 | | | | | It continues to steam below my State Room with which I have taken much pains is now a complete iron nest. |
| 1 | 3 | | | | | O. the pleasures of a sailors life |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | S. N. W. | S. E. by E | | is due out Lat. 0.20' South |
| 11 | 3 | | | | | Long. 75.20 W. |
| 12 | 3 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 1 W | | | |

Boat from Salem towards San Pedro

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|----------------------------------|
| 1 | | | S.W. | S.E. | | Commenced with fine S.E. trade |
| 2 | | | | | | and squally |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | Ends more pleasant all day |
| 2 | | | | | | Set out up for top of Gallant |
| 3 | | | | | | stick steady. Shear, a long time |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | Then 84° |
| 7 | | | | | | Lat. 34° 30' N |
| 8 | | | | | | Long. 119° 30' W |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | 41 days out |
| 12 | | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 7° N | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|--------------------------------------|
| 1 | | | S.W. | S.E. | | Commences with fine, fresh breeze |
| 2 | | | | | | S.E. trade and pleasant weather |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | Very hot while the Sun is up. |
| 2 | | | | | | Then 80° above zero. Barometer 30.0° |
| 3 | | | | | | Arrival, about 3/4 past midnight. |
| 4 | | | | | | Clear, but cold. 50° at night |
| 5 | | | | | | Lat. 34° 30' N |
| 6 | | | | | | Long. 119° 30' W |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 7° N | | | |

| <div> <i>Ship Polly</i> from <i>Albany</i> towards <i>Savannah</i> </div> | | | | | | | | | | |
|---|-------|------------|-----------------|---------------|-------------|--|--|-----------|--------------|--|
| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. | <i>Tuesday April 9th 1849</i> | | | |
| 1 | 1 | | <i>S. by E.</i> | <i>S. E.</i> | | <i>met in with fine Trades and passing clouds</i> | | | | |
| 2 | 1 | | | | | | | | | |
| 3 | 1 | | | | | | | | | |
| 4 | 1 | | | | | | | | | |
| 5 | 0 | | | | | | | | | |
| 6 | 1 | 1 | | | | | | | | |
| 7 | 1 | 1 | | | | | | | | |
| 8 | 1 | 1 | | | | | | | | |
| 9 | 1 | | | | | | | | | |
| 10 | 1 | | | | | | | | | |
| 11 | 1 | | | | | | | | | |
| 12 | 1 | | | | | | | | | |
| 1 | 1 | | | | | <i>was very much employed making observations Sun. 84° - 15m. 50° Lat. 34° 44' South Long. 81° 25' West</i> | | | | |
| 2 | 1 | | | | | | | | | |
| 3 | 1 | | | | | | | | | |
| 4 | 1 | | | | | | | | | |
| 5 | 1 | | | | | | | | | |
| 6 | 1 | | | | | | | | | |
| 7 | 1 | | | | | | | | | |
| 8 | 1 | | | | | | | | | |
| 9 | 1 | | | | | | | | | |
| 10 | 1 | | | | | | | | | |
| 11 | 1 | | | | | | | | | |
| 12 | 1 | | | | | | | | | |
| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. | |
| | | | | | | <i>7° W</i> | | | | |
| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. | <i>Friday April 10th 1849</i> | | | |
| 1 | 1 | 1 | <i>S. by E.</i> | <i>S. E.</i> | | <i>commenced with fine breezes - pleasant weather - Mildly - Letter sent the day Sun. 84° - 15m. 50° Lat. 34° 19' 05" South Long. 81° 25' 01" West 4 days out</i> | | | | |
| 2 | 1 | 1 | | | | | | | | |
| 3 | 1 | 1 | | | | | | | | |
| 4 | 1 | 1 | | | | | | | | |
| 5 | 1 | 1 | | | | | | | | |
| 6 | 1 | 1 | | | | | | | | |
| 7 | 1 | 1 | | | | | | | | |
| 8 | 1 | 1 | | | | | | | | |
| 9 | 1 | 1 | | | | | | | | |
| 10 | 1 | 1 | | | | | | | | |
| 11 | 1 | 1 | | | | | | | | |
| 12 | 1 | 1 | | | | | | | | |
| 1 | 1 | 1 | | | | | | | | |
| 2 | 1 | 1 | | | | | | | | |
| 3 | 1 | 1 | | | | | | | | |
| 4 | 1 | 1 | | | | | | | | |
| 5 | 1 | 1 | | | | | | | | |
| 6 | 1 | 1 | | | | | | | | |
| 7 | 1 | 1 | | | | | | | | |
| 8 | 1 | 1 | | | | | | | | |
| 9 | 1 | 1 | | | | | | | | |
| 10 | 1 | 1 | | | | | | | | |
| 11 | 1 | 1 | | | | | | | | |
| 12 | 1 | 1 | | | | | | | | |
| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. | |
| | | | | | | <i>7° N</i> | | | | |

Boat from *Salem* towards *Luzitana*

| H. | K. | H.K. | Courses. | Winds. | Lec. | Remarks. |
|----|----|------|----------|--------|------|--|
| 1 | | | | | | <i>Saturday April 11th 1840</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
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| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
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| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Dist. | Diff. Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lec. | Remarks. |
|----|----|------|----------|--------|------|--|
| 1 | | | | | | <i>Sunday April 12th 1840</i> |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
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| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
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| 5 | | | | | | |
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| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Big Rolla from Salem towards Larritan

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------------|------------------------|------|--------------------------------------|
| 1 | 4 | | S. M. | S. S. E. $\frac{1}{2}$ | | commenced with moderate breeze |
| 2 | 4 | | | | | and fine pleasant weather. |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | A ship in sight on the wind standing |
| 7 | 4 | | | | | ing to the S. N. |
| 8 | 4 | | S. M. S. | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | S. N. S. E. E. | | | Middle & latter part fine trades |
| 12 | 4 | | | | | and feeling squalls. S. N. ship |
| 1 | 4 | | | | | in sight standing to S. N. |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | 1 | | | | Lat. Obs. 15° 10' South |
| 7 | 4 | 1 | | | | Long. for 28° 50' West |
| 8 | 4 | 1 | S. N. S. E. | | | |
| 9 | 4 | 1 | | | | |
| 10 | 4 | 1 | | | | |
| 11 | 4 | 1 | | | | |
| 12 | 4 | 1 | | | | 147 days out. |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|------------------------------|--------|------|----------------------------|
| 1 | 7 | | S. N. S. E. E. $\frac{1}{2}$ | | | comes in, with fine trades |
| 2 | 7 | | | | | and pleasant weather. |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | Middle & latter part same |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | 1 | | | | |
| 1 | 7 | 1 | | | | |
| 2 | 7 | 1 | | | | |
| 3 | 7 | 1 | | | | Lat. Obs. 15° 19' South |
| 4 | 7 | 1 | | | | Long. for 29° 12' W |
| 5 | 7 | 1 | | | | |
| 6 | 7 | 1 | | | | |
| 7 | 7 | 1 | | | | |
| 8 | 7 | 1 | | | | 148 days out. |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| vic Rollo from Salem towards Lanesboro | | | | | | |
|---|----|------|----------|--------|------|--|
| H. | K. | H.K. | Courses. | Winds. | Lec. | Remarks. |
| 1 | 1 | 1 | South | E. & E | | Fine & clear and pleasant weather. |
| 2 | 1 | 1 | | | | |
| 3 | 1 | 1 | | | | |
| 4 | 1 | 1 | | | | |
| 5 | 1 | 1 | | | | |
| 6 | 1 | 1 | | | | |
| 7 | 1 | 1 | | | | |
| 8 | 1 | 1 | | | | |
| 9 | 1 | 1 | | | | |
| 10 | 1 | 1 | | | | |
| 11 | 1 | 1 | | | | |
| 12 | 1 | 1 | | | | |
| 1 | 1 | 1 | | | | Commenced with gentle breeze and pleasant weather. |
| 2 | 1 | 1 | | | | |
| 3 | 1 | 1 | | | | |
| 4 | 1 | 1 | | | | |
| 5 | 1 | 1 | | | | |
| 6 | 1 | 1 | | | | |
| 7 | 1 | 1 | | | | |
| 8 | 1 | 1 | | | | |
| 9 | 1 | 1 | | | | |
| 10 | 1 | 1 | | | | |
| 11 | 1 | 1 | | | | |
| 12 | 1 | 1 | | | | |
| Course. Dist. Diff. lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob. | | | | | | |
| | | | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lec. | Remarks. |
|---|----|------|----------|--------|------|--|
| 1 | 1 | 1 | South | E. & E | | Gentle breeze & fine pleasant weather. At 2 P.M. made the start of a violent bearing for (pass) E & E distance 20 miles. Made the bearing distance of 20 miles that our (commence) is 30' slow. It makes 20' to the E. At 4 P.M. by sight & measurement made standing south. |
| 2 | 1 | 1 | | | | |
| 3 | 1 | 1 | | | | |
| 4 | 1 | 1 | | | | |
| 5 | 1 | 1 | | | | |
| 6 | 1 | 1 | | | | |
| 7 | 1 | 1 | | | | |
| 8 | 1 | 1 | | | | |
| 9 | 1 | 1 | | | | |
| 10 | 1 | 1 | | | | |
| 11 | 1 | 1 | | | | |
| 12 | 1 | 1 | | | | |
| 1 | 1 | 1 | South | | | Lat. Obs. 51° 35' South Long. by sight 39° 35' West 20 days out |
| 2 | 1 | 1 | | | | |
| 3 | 1 | 1 | | | | |
| 4 | 1 | 1 | | | | |
| 5 | 1 | 1 | | | | |
| 6 | 1 | 1 | | | | |
| 7 | 1 | 1 | | | | |
| 8 | 1 | 1 | | | | |
| 9 | 1 | 1 | | | | |
| 10 | 1 | 1 | | | | |
| 11 | 1 | 1 | | | | |
| 12 | 1 | 1 | | | | |
| Course. Dist. Diff. lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob. | | | | | | |
| | | | | | | |

Eric Polle from *Salem* towards *Latimer*

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|-------------------------------|
| 1 | 4 | 1 | out | SE | | Friday. April 7. 1840 |
| 2 | 4 | 1 | | | | |
| 3 | 4 | 1 | | | | Light breeze & pleasant |
| 4 | 4 | 1 | | | | weather. (1/2) from the Medea |
| 5 | e | 1 | | | | Still in sight. |
| 6 | e | 1 | | | | |
| 7 | e | 1 | | | | |
| 8 | e | 1 | | | | |
| 9 | e | 1 | NEE | | | |
| 10 | 7 | 1 | | | | |
| 11 | 7 | 1 | | | | |
| 12 | 7 | 1 | | | | |
| 1 | 7 | 1 | | | | Kindly & latter part fine |
| 2 | 7 | 1 | | | | fresh breeze & pleasant |
| 3 | 7 | 1 | | | | ther. 82° - Bar 30.2° |
| 4 | 7 | 1 | | | | Lat. 08° 21' South |
| 5 | 7 | 1 | | | | Long. for (P.M.) 39° 50' West |
| 6 | 7 | 1 | | | | at day out |
| 7 | 7 | 1 | | | | |
| 8 | 7 | 1 | | | | |
| 9 | 7 | 1 | | | | |
| 10 | 7 | 1 | | | | |
| 11 | 7 | 1 | | | | |
| 12 | 7 | 1 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|-------------|--------|------|---------------------------------|
| 1 | 7 | 1 | S.E.C. East | | | Saturday. April 8. 1840 |
| 2 | 7 | 1 | | | | Begin and ends with fine breeze |
| 3 | 7 | 1 | | | | and pleasant weather. |
| 4 | 7 | 1 | | | | |
| 5 | 7 | 1 | | | | |
| 6 | 7 | 1 | | | | |
| 7 | 7 | 1 | | | | |
| 8 | 7 | 1 | | | | At 7 A.M. saw a brig on the |
| 9 | 7 | 1 | | | | day beam, at 8 A.M. passed his |
| 10 | 7 | 1 | | | | beam - at 12 noon his Royals |
| 11 | 7 | 1 | | | | just out of water astern - then |
| 12 | 7 | 1 | | | | died S.E. |
| 1 | 7 | 1 | | | | Lat. 08° 25' 44' South |
| 2 | 7 | 1 | | | | Long. for (P.M.) 37° 50' West |
| 3 | 7 | 1 | | | | at day out, |
| 4 | 7 | 1 | | | | |
| 5 | 7 | 1 | | | | |
| 6 | 7 | 1 | | | | |
| 7 | 7 | 1 | | | | |
| 8 | 7 | 1 | | | | |
| 9 | 7 | 1 | | | | |
| 10 | 7 | 1 | | | | |
| 11 | 7 | 1 | | | | |
| 12 | 7 | 1 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| from <i>Sally</i> towards <i>Penikese</i> | | | | | | | | | | |
|---|----|-------|-----------------|--------|---------------|--|--------|-------------|-----------|--------------|
| H. | K. | H.K. | Courses. | Winds. | Lec. | Remarks. <i>Friday April 17th 1840</i> | | | | |
| 1 | 0 | | <i>S.E. 86°</i> | | | <i>Commenced with strong breezes from the Eastward, - a heavy swell from the S.W.</i> | | | | |
| 2 | 0 | | | | | | | | | |
| 3 | 0 | | | | | | | | | |
| 4 | 0 | | | | | | | | | |
| 5 | 0 | | | | | | | | | |
| 6 | 0 | | | | | | | | | |
| 7 | 0 | | | | | | | | | |
| 8 | 0 | | <i>S.E. 87°</i> | | | <i>Mildly & calm, but strong breezes from E. N.E. with a heavy land sea, -</i> | | | | |
| 9 | 0 | | | | | | | | | |
| 10 | 0 | | | | | | | | | |
| 11 | 0 | | | | | | | | | |
| 12 | 0 | | | | | | | | | |
| 1 | 7 | | | | | | | | | |
| 2 | 7 | | | | | | | | | |
| 3 | 7 | | | | | | | | | |
| 4 | 7 | | | | | | | | | |
| 5 | 7 | | | | | | | | | |
| 6 | 7 | | | | | | | | | |
| 7 | 7 | | | | | | | | | |
| 8 | 7 | | <i>S.E. 88°</i> | | | <i>No observation this day. O. what would I not give to be at home & go at work today! who (53 days out)</i> | | | | |
| 9 | 8 | | | | | | | | | |
| 10 | 8 | | | | | | | | | |
| 11 | 8 | | | | | | | | | |
| 12 | 8 | | | | | | | | | |
| Course. | | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
| | | | | | | | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lec. | Remarks. <i>Saturday April 20th 1840</i> | | | | |
|---------|----|-------|-----------------|-------------|---------------|--|--------|-------------|-----------|--------------|
| 1 | 7 | | <i>S.E. 88°</i> | <i>East</i> | | <i>Strong breezes & a heavy head sea on. At 1 P.M. took in all light sails. At 2 took in Jib & double reefed fore top sail. At 9 heavy squalls from N.W. with rain. Tumbled main, fore & top sail. At 10.30 more moderate. Set main, fore & top sail again. - The morning more pleasant let out all reefs & set all light sail. Lat. obs. 29° 04' N. Long. for. (true) 32° 46' W. 54 days out.</i> | | | | |
| 2 | 7 | | | | | | | | | |
| 3 | 7 | | | | | | | | | |
| 4 | 7 | | | | | | | | | |
| 5 | 7 | | | | | | | | | |
| 6 | 7 | | | | | | | | | |
| 7 | 7 | | | | | | | | | |
| 8 | 7 | | <i>S.E. 88°</i> | <i>East</i> | | | | | | |
| 9 | 7 | | | | | | | | | |
| 10 | 7 | | | | | | | | | |
| 11 | 7 | | | | | | | | | |
| 12 | 7 | | | | | | | | | |
| 1 | 7 | | | | | | | | | |
| 2 | 7 | | | | | | | | | |
| 3 | 7 | | | | | | | | | |
| 4 | 7 | | | | | | | | | |
| 5 | 7 | | | | | | | | | |
| 6 | 7 | | | | | | | | | |
| 7 | 7 | | | | | | | | | |
| 8 | 7 | | | | | | | | | |
| 9 | 7 | | | | | | | | | |
| 10 | 7 | | | | | | | | | |
| 11 | 7 | | | | | | | | | |
| 12 | 7 | | | | | | | | | |
| Course. | | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
| | | | | | | | | | | |

Brig. Polly from Salem towards Zanzibar

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. | | | | | |
|---------|----|-------|----------------|------------|------|----------------------------------|-------------|--------|-------------|-----------|--------------|
| 1 | 7 | ' | S. by E. 2 1/2 | | | Under way, 21 st 1846 | | | | | |
| 2 | 7 | ' | S. by E. | | | | | | | | |
| 3 | 7 | ' | | | | | | | | | |
| 4 | 7 | ' | | | | | | | | | |
| 5 | 7 | ' | | | | | | | | | |
| 6 | 7 | ' | | | | | | | | | |
| 7 | 7 | ' | | | | | | | | | |
| 8 | 7 | ' | | | | | | | | | |
| 9 | 7 | ' | | | | | | | | | |
| 10 | 7 | ' | | | | | | | | | |
| 11 | 8 | ' | | | | | | | | | |
| 12 | 8 | ' | | | | | | | | | |
| 1 | 8 | ' | | | | | | | | | |
| 2 | 8 | ' | | | | | | | | | |
| 3 | 8 | ' | | | | | | | | | |
| 4 | 8 | ' | | | | | | | | | |
| 5 | 8 | ' | | | | | | | | | |
| 6 | 8 | ' | | | | | | | | | |
| 7 | 8 | ' | | | | | | | | | |
| 8 | 8 | ' | | | | | | | | | |
| 9 | 8 | ' | | | | | | | | | |
| 10 | 8 | ' | | | | | | | | | |
| 11 | 8 | ' | | | | | | | | | |
| 12 | 8 | ' | | | | | | | | | |
| Course. | | | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
| | | | | | | | | 1/4 | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|--|----|-------|----------------|----------|------|--|
| 1 | 8 | | S. by E. 2 1/2 | N. by E. | | (D. by N. by E. along the coast and past sing clouds. |
| 2 | 8 | / | | | | |
| 3 | 8 | / | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | / | | | | |
| 11 | 9 | | | | | |
| 12 | 9 | | | | | |
| 1 | 9 | | | | | |
| 2 | 9 | | | | | |
| 3 | 8 | / | | | | |
| 4 | 8 | / | | | | |
| 5 | 8 | / | | | | |
| 6 | 8 | / | | | | |
| 7 | 8 | / | | | | |
| 8 | 8 | / | | | | |
| 9 | 8 | / | | | | |
| 10 | 8 | / | | | | |
| 11 | 8 | / | | | | |
| 12 | 8 | / | | | | |
| Thursday April 22 ^d 1840 | | | | | | |
| Latitude 1° 30' South Long. by obs. 15° 20' West (50 days out, | | | | | | |
| Course. Dist. Diff. lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long by Ob. | | | | | | |
| | | | | | | |

Ohio Kella from *Salem* towards *Lancaster*

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|--------------|-------------|------|--|
| 1 | 8 | | <i>S 6 E</i> | <i>Rel.</i> | | <i>Tuesday April 20 1846</i> |
| 2 | 8 | | | | | <i>Commenced with fine fresh breeze and pleasant weather.</i> |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | / | | | | |
| 6 | 8 | / | | | | |
| 7 | 8 | / | | | | <i>Midday part brisk breeze and squally.</i> |
| 8 | 8 | / | | | | |
| 9 | 8 | / | | | | |
| 10 | 8 | / | | | | |
| 11 | 8 | / | | | | |
| 12 | 8 | / | | | | <i>Latter part more pleasant, wind inclining Southerly. Set Stacks and Studding Sails.</i> |
| 1 | 7 | | | | | |
| 2 | 7 | | | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | <i>Lat. Obs. 32° 02' South Long. for 12 days out 13° 18' West</i> |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|--------------|-------------|------|---|
| 1 | e | | <i>S 6 E</i> | <i>Rel.</i> | | <i>Friday April 24 1846</i> |
| 2 | e | | | | | <i>Commenced with light breeze and pleasant weather. The Ketch is light on the Starboard beam. Supposed this the Snallon from London for Lancaster.</i> |
| 3 | e | | | | | |
| 4 | e | | | | | |
| 5 | e | | | | | |
| 6 | e | | | | | |
| 7 | e | | | | | <i>Midday & latter part light baffling winds & pleasant. The Ketch still is light on Starboard beam.</i> |
| 8 | e | | | | | |
| 9 | e | | | | | |
| 10 | e | | | | | |
| 11 | e | | | | | |
| 12 | e | | | | | <i>Bar 30.0. Ther 74° Lat. Obs. 32° 51' South Long. for 12 days out 13° 05' West (12 days out)</i> |
| 1 | e | | | | | |
| 2 | e | | | | | |
| 3 | e | | | | | |
| 4 | e | | | | | |
| 5 | e | | | | | |
| 6 | 2 | / | | | | |
| 7 | 2 | / | | | | |
| 8 | 2 | / | | | | |
| 9 | 2 | / | | | | |
| 10 | 2 | / | | | | |
| 11 | 2 | / | | | | |
| 12 | 2 | / | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | / | | | |

Brig Rollg from Salem towards Zanzibar

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|-----------|---------|------|--|
| 1 | + | | | | | Saturday April 20 th 1840 |
| 2 | + | | S.E. by E | W. by N | | commenced with light breeze |
| 3 | + | | | | | wind & squally appearances. all |
| 4 | + | | | | | striking sails at on both sides |
| 5 | + | | | | | The Brig still in sight. |
| 6 | + | | | | | |
| 7 | + | | | | | |
| 8 | + | | | | | |
| 9 | + | | | | | |
| 10 | + | | | | | |
| 11 | + | 1 | | | | 4 th M. From the Brig |
| 12 | + | 1 | | | | 18 th of March - 59 d. from London |
| 1 | + | | | | | for Senegal Bay. |
| 2 | + | | | | | Latter part fine breeze |
| 3 | + | | | | | & pleasant weather |
| 4 | + | | | | | Ther. 73°. Bar. 30 ¹ / ₂ |
| 5 | + | | | | | Lat. 33° 30' South Long. 150° |
| 6 | + | | | | | 59 about 4 th West |
| 7 | + | | | | | |
| 8 | + | | | | | |
| 9 | + | | | | | |
| 10 | + | | | | | |
| 11 | + | | | | | |
| 12 | + | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|-----------|---------|------|---|
| 1 | + | 1 | S.E. by E | N. by E | | Sunday April 21 st 1840 |
| 2 | + | 1 | | N. by E | | Very prosperous breeze and pleasant |
| 3 | + | 1 | | | | weather. |
| 4 | + | 1 | | | | |
| 5 | + | 1 | | | | |
| 6 | + | 1 | | | | |
| 7 | + | 1 | | | | |
| 8 | + | 1 | | | | Midday & latter part strong breeze |
| 9 | + | 1 | | | | & passing clouds - wind N to N.W. |
| 10 | + | 1 | | | | Lessening the distance to Zanzibar at |
| 11 | + | 1 | | | | the rate of 8 ¹ / ₂ knots per hour. |
| 12 | + | 1 | | | | Bar 30 ¹ / ₂ - Ther. 70° |
| 1 | + | 1 | | | | Lat. 34° 35' South |
| 2 | + | 1 | | | | Long. 150° 55' West |
| 3 | + | 1 | | | | |
| 4 | + | 1 | | | | |
| 5 | + | 1 | | | | |
| 6 | + | 1 | | | | |
| 7 | + | 1 | | | | |
| 8 | + | 1 | | | | |
| 9 | + | 1 | | | | |
| 10 | + | 1 | | | | |
| 11 | + | 1 | | | | |
| 12 | + | 1 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Brig Roll, from *Salem* towards *Zanzibar*

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|------------------------------------|
| 1 | 8 | 1 | 1 | 1 | 1 | Monday April 27 th 1840 |
| 2 | 8 | 1 | | | | Strong breeze and passing clouds |
| 3 | 8 | 1 | | | | at 2 P.M. doubled the Cape. |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | 1 | | | | |
| 10 | 8 | 1 | | | | |
| 11 | 8 | 1 | | | | |
| 12 | 8 | 1 | | | | Strong breeze and passing clouds |
| 1 | 8 | | | | | at 2 P.M. doubled the Cape. |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|-------------------------------------|
| 1 | 8 | 1 | 1 | 1 | 1 | Tuesday April 28 th 1840 |
| 2 | 8 | 1 | | | | Strong breeze and passing clouds |
| 3 | 8 | 1 | | | | at 2 P.M. doubled the Cape. |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | 1 | | | | |
| 8 | 8 | 1 | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |
| 1 | 8 | | | | | |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 8 | | | | | |
| 7 | 8 | | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| from <i>London</i> towards <i>London</i> | | | | | | | | | | |
|--|----|-------|-------------|----------------------------|---------------|--|--------|-------------|-----------|--------------|
| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. | | | | |
| 1 | 7 | / | S. E. S. E. | S. North to N. N. E. | | Strong breeze and thick weather during cold weather - At 4 P.M. towing in top of Sails | | | | |
| 2 | 7 | / | | | | | | | | |
| 3 | 7 | / | | | | | | | | |
| 4 | 7 | / | | | | | | | | |
| 5 | 7 | / | | | | | | | | |
| 6 | 7 | / | | | | | | | | |
| 7 | 7 | / | | | | | | | | |
| 8 | 8 | | | | | | | | | |
| 9 | 8 | | | | | | | | | |
| 10 | 7 | / | | | | | | | | |
| 11 | 7 | / | | North to N. N. E. | | Strong breeze with passing squalls and rain - towing in all light sails Bar. 30.0 when out Lat. 40.0 when out Long. 10.0 when out 12 days out | | | | |
| 12 | 7 | / | | | | | | | | |
| 1 | 7 | / | | | | | | | | |
| 2 | 7 | / | | | | | | | | |
| 3 | 7 | / | | | | | | | | |
| 4 | 7 | / | | | | | | | | |
| 5 | 8 | | | | | | | | | |
| 6 | 8 | | | | | | | | | |
| 7 | 8 | | | | | | | | | |
| 8 | 8 | | | | | | | | | |
| 9 | 7 | / | | | | | | | | |
| 10 | 7 | / | | | | | | | | |
| 11 | 7 | / | | | | | | | | |
| 12 | 7 | / | | | | | | | | |
| Course. | | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
| | | | | | | | 1/2 | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. | | | | |
|---------|----|-------|-------------|--------|---------------|---|--------|-------------|-----------|--------------|
| 1 | 4 | | S. E. S. E. | N. E. | | (Breeze with light breeze and squally appearance - At 11 P.M. coming in squally, towing in all light sails. At 5 P.M. wind hauled from N. N. E. to N. E. with squally and rain - at 8 morning freshened but all light sails - No observation today - 14 days out | | | | |
| 2 | 4 | | | | | | | | | |
| 3 | 4 | | | | | | | | | |
| 4 | 4 | | | | | | | | | |
| 5 | 4 | / | | | | | | | | |
| 6 | 4 | / | | | | | | | | |
| 7 | 4 | / | | | | | | | | |
| 8 | 4 | / | | | | | | | | |
| 9 | 5 | | | | | | | | | |
| 10 | 5 | / | | | | | | | | |
| 11 | 7 | | | N. E. | | | | | | |
| 12 | 7 | | | | | | | | | |
| 1 | 7 | | | | | | | | | |
| 2 | 7 | | | | | | | | | |
| 3 | 7 | | | | | | | | | |
| 4 | 7 | | | | | | | | | |
| 5 | 7 | | | | | | | | | |
| 6 | 7 | | | | | | | | | |
| 7 | 7 | | | | | | | | | |
| 8 | 7 | | | | | | | | | |
| 9 | 7 | | | | | | | | | |
| 10 | 7 | | | | | | | | | |
| 11 | 7 | | | | | | | | | |
| 12 | 7 | | | | | | | | | |
| Course. | | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
| | | | | | | | 5 | | | |

Big Hole from *Salem* towards *Dunstable*

| H. | K. | H.K. | Courses. | Winds. | Lec. | Remarks. |
|----|----|------|----------|--------|------|--|
| 1 | 2 | | ESE | NSN | | Thick haze and thick foggy weather. |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | / | | SSN | | |
| 6 | 2 | / | | | | |
| 7 | 2 | / | | | | |
| 8 | 2 | / | | | | |
| 9 | 2 | / | | | | |
| 10 | 2 | / | | | | |
| 11 | 2 | / | | NSN | | Middle and moderately breeze and clouds. |
| 12 | 2 | / | | | | |
| 1 | 2 | / | | | | |
| 2 | 2 | / | | | | |
| 3 | 2 | / | | | | |
| 4 | 2 | / | | | | |
| 5 | 2 | / | | | | |
| 6 | 2 | / | | | | |
| 7 | 2 | / | | | | |
| 8 | 2 | / | | | | |
| 9 | 2 | / | | | | |
| 10 | 2 | / | | | | |
| 11 | 2 | / | | | | |
| 12 | 2 | / | | | | |

Lat. part light breeze
 + pleasant weather.
 No observation. Bar. 30.15
 Lat. by Star. 37° 25'. Long. 12° 17' East

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lec. | Remarks. |
|----|----|------|----------|--------|------|---|
| 1 | 2 | | SE | NSN | | Light breeze and pleasant weather. Light sailing. |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | / | SE | NSN | | Middle - latter part breeze and pleasant. |
| 10 | 2 | / | | | | |
| 11 | 2 | / | | | | |
| 12 | 2 | / | | | | |
| 1 | 2 | / | | | | |
| 2 | 2 | / | | | | |
| 3 | 2 | / | | | | |
| 4 | 2 | / | | | | |
| 5 | 2 | / | | | | |
| 6 | 2 | / | | | | |
| 7 | 2 | / | | | | |
| 8 | 2 | / | | | | |
| 9 | 2 | / | | | | |
| 10 | 2 | / | | | | |
| 11 | 2 | / | | | | |
| 12 | 2 | / | | | | |

Lat. 37° 25' East
 Long. 12° 17' East
 55° Day out

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Big Holly from *Salem* towards *Lanzarote*

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|---|
| 1 | 7 | | S East | NE | 1/2 | |
| 2 | 7 | | S E | | | Strong breeze and squally weather |
| 3 | 7 | | S E | | | " |
| 4 | 7 | | | | | " |
| 5 | 7 | | | | | " |
| 6 | 7 | 1 | S E | | | |
| 7 | 7 | 1 | | | | |
| 8 | 7 | 1 | | | | Ther 70° Bar 30.1 |
| 9 | 7 | 1 | | | | |
| 10 | 7 | 1 | | | | By days out - almost up with the sp- |
| 11 | 7 | 1 | | | | Latter part light lazy winds |
| 12 | 7 | 1 | | | | and warm pleasant weather - and |
| 1 | 4 | 1 | | North | | a smooth day. At 6 AM. saw a large |
| 2 | 4 | 1 | | | | by the weather bore, a ship on the lar- |
| 3 | 4 | 1 | | | | board. We gain on them fast - at 12 |
| 4 | 4 | 1 | | | | leaving the ship on the quarter - the ship same |
| 5 | 4 | 1 | | | | Lat. 30° 15' Long. 16° 12' W |
| 6 | 4 | 1 | | | | |
| 7 | 4 | 1 | | | | |
| 8 | 4 | 1 | | | | |
| 9 | 4 | 1 | | | | |
| 10 | 4 | 1 | | | | |
| 11 | 4 | 1 | | | | |
| 12 | 4 | 1 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|---------|------|--------------------------------------|
| 1 | 4 | 1 | S E | N. N. E | | |
| 2 | 4 | 1 | | | | coming with light air from the S. E. |
| 3 | 4 | 1 | | | | and very warm, pleasant weather |
| 4 | 4 | 1 | | | | |
| 5 | 4 | 1 | | | | |
| 6 | 4 | 1 | | North | | |
| 7 | 4 | 1 | | | | |
| 8 | 4 | 1 | | | | |
| 9 | 4 | 1 | | | | |
| 10 | 4 | 1 | | | | " Breeze - latter part light |
| 11 | 4 | 1 | | | | breeze - pleasant. We are now |
| 12 | 4 | 1 | | | | to the Eastward of Cape Lanzarote |
| 1 | 4 | 1 | | N. N. E | | Ther 71° Bar 30.1 |
| 2 | 4 | 1 | | | | Lat. 30° 15' Long. 16° 12' W |
| 3 | 4 | 1 | | | | |
| 4 | 4 | 1 | | | | |
| 5 | 4 | 1 | | | | |
| 6 | 4 | 1 | | | | |
| 7 | 4 | 1 | | | | |
| 8 | 4 | 1 | | | | |
| 9 | 4 | 1 | | | | |
| 10 | 4 | 1 | | | | |
| 11 | 4 | 1 | | | | |
| 12 | 4 | 1 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| <div> <i>Roller</i> from <i>Salem</i> towards <i>Brazil</i> </div> | | | | | | | | | | |
|--|-------|------------|------------------|---------------|-------------|--|---------------------------|-----------|--------------|--|
| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. | <i>Tuesday May 5 1846</i> | | | |
| 1 | 8 | | <i>S.E. by E</i> | <i>N.N.W.</i> | | <i>Strong propeller breeze and pleasant weather - telling us right about that the way we sail 'em.</i> | | | | |
| 2 | 8 | | | | | | | | | |
| 3 | 8 | | | | | | | | | |
| 4 | 8 | | | | | | | | | |
| 5 | 7 | 1 | | | | | | | | |
| 6 | 7 | 1 | | | | | | | | |
| 7 | 7 | 1 | | | | | | | | |
| 8 | 7 | | | | | | | | | |
| 9 | 7 | | | | | | | | | |
| 10 | 7 | | | | | | | | | |
| 11 | 7 | | | | | | | | | |
| 12 | 5 | | | | | | | | | |
| 1 | 5 | | | <i>N.N.W.</i> | | <i>At 1 a.m. the mist hauled to sea attended with heavy rain, took in all light sails.</i> <i>Seas squally and weather clearing in light & about 1 on the horizon the morning with in fast. fog in clouds.</i> <i>No observing today</i> | | | | |
| 2 | 5 | | | | | | | | | |
| 3 | 5 | | | | | | | | | |
| 4 | 5 | | | | | | | | | |
| 5 | 5 | | | | | | | | | |
| 6 | 5 | | | | | | | | | |
| 7 | 5 | | | | | | | | | |
| 8 | 5 | | | | | | | | | |
| 9 | 5 | | | | | | | | | |
| 10 | 5 | | | | | | | | | |
| 11 | 5 | | | | | | | | | |
| 12 | 5 | | | | | | | | | |
| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. | |
| | | | | | | | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. | <i>Wednesday May 6 1846</i> | | | |
|---------|-------|------------|--------------|---------------|-------------|---|-----------------------------|-----------|--------------|--|
| 1 | 5 | | <i>E.S.E</i> | <i>N.N.W.</i> | | <i>(comes in with moderate breeze thick rainy weather - 5 sail on sight standing to the Eastward)</i> <i>We have run down the Fleet of Englishmen we saw yesterday - at daylight we could just see 'em astern from top gallant part.</i> <i>Terminates with light lazy winds - pleasant weather. The Roller actually outsails every thing we fall in with.</i> <i>Lat. 38° South. Long. 25° 21' East</i> <i>70 days out</i> | | | | |
| 2 | 5 | | | | | | | | | |
| 3 | 5 | | | | | | | | | |
| 4 | 5 | | | | | | | | | |
| 5 | 4 | 1 | | | | | | | | |
| 6 | 4 | | | | | | | | | |
| 7 | 3 | | | | | | | | | |
| 8 | 3 | | | | | | | | | |
| 9 | 3 | | | | | | | | | |
| 10 | 3 | | | | | | | | | |
| 11 | 5 | | | | | | | | | |
| 12 | 5 | | | | | | | | | |
| 1 | 5 | | | <i>N.N.E</i> | | | | | | |
| 2 | 4 | | | | | | | | | |
| 3 | 4 | | | | | | | | | |
| 4 | 4 | | | | | | | | | |
| 5 | 4 | | | | | | | | | |
| 6 | 5 | | | | | | | | | |
| 7 | 5 | | | | | | | | | |
| 8 | 5 | | | | | | | | | |
| 9 | 4 | | | | | | | | | |
| 10 | 4 | | | | | | | | | |
| 11 | 4 | | | | | | | | | |
| 12 | 4 | | | | | | | | | |
| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. | |
| | | | | | | | | | | |

Brig Polly from Salem, towards Zanzibar

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|-----------------------------------|
| 1 | 3 | | E.S.E. | NNE | | Thursday May 7 th 1840 |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | S.W. | W | | Comes in with light breeze fm. |
| 8 | 3 | | | | | N.W. & pleasant weather at 5.30 |
| 9 | 5 | | S.W. | | | P.M. spoke the Dutch Bark Leander |
| 10 | 5 | | S.W. | | | 88 as. fm. Rotterdam for Batavia. |
| 11 | 5 | | S.W. | | | By Long. 25° 30' East. our same. |
| 12 | 5 | | | | | |
| 1 | 5 | | | | | |
| 2 | 5 | | | | | |
| 3 | 5 | | S.W. | North | | Strong breeze & pleasant weather |
| 4 | 5 | | S.W. | | | Ship in sight standing E. |
| 5 | 5 | | S.W. | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | NN | | Lat. obs. 28° 13' South |
| 11 | 5 | | | | | Long. pr. (true) 27° 24' East |
| 12 | 5 | | | | | 71 days out |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|------------------------------------|
| 1 | 7 | | E.S.E. | West | | Friday May 8 th 1840 |
| 2 | 7 | | | | | Strong breeze and pleasant weather |
| 3 | 8 | 1 | | | | |
| 4 | 8 | 1 | | | | |
| 5 | 8 | 1 | | | | |
| 6 | 8 | 1 | | | | |
| 7 | 8 | 1 | | | | |
| 8 | 8 | 1 | | | | |
| 9 | 8 | 1 | | | | |
| 10 | 8 | 1 | | | | |
| 11 | 8 | 1 | | | | |
| 12 | 8 | 1 | | | | |
| 1 | 8 | 1 | | | | |
| 2 | 8 | 1 | | | | |
| 3 | 8 | 1 | | | | |
| 4 | 8 | 1 | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | NN | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Big Roll from Salem towards Panzibar

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|---|
| 1 | 2 | | Ebb | NW | | Saturday May 9 th |
| 2 | 3 | | | | | comes in with fresh breezes & a heavy |
| 3 | 5 | 1 | | | | head sea on - passed 3 English Barks |
| 4 | 5 | 1 | | | | standing to the E. & S. & S. E. |
| 5 | 4 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 2 | | | | | Lat. by Dead Reckg. 27° 17' |
| 11 | 2 | | | | | Long. " " " " 23° 17' |
| 12 | 2 | | | | | |
| 1 | 2 | | | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | Light winds & thick rainy weather |
| 5 | 3 | | | | | 3 sails in sight standing to the East & S. E. |
| 6 | 3 | | | | | |
| 7 | 0 | | Calm | | | |
| 8 | 1 | | | | | |
| 9 | 2 | | | | | No observation this day - |
| 10 | 3 | | | | | 73 days out |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | 27.17 | | | | 23.17 | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|--|
| 1 | 1 | | ebb | light | | Sunday May 10 th |
| 2 | 1 | | | | | comes in with thick rainy weather |
| 3 | 1 | | | | | and light variable winds - a ship |
| 4 | 1 | | | | | & Bark in sight standing to the E. & S. E. |
| 5 | 1 | | | | | |
| 6 | 1 | | | | | |
| 7 | 1 | | | | | |
| 8 | 1 | | | | | |
| 9 | 1 | | | | | |
| 10 | 1 | | | | | |
| 11 | 1 | | | | | |
| 12 | 1 | | | | | |
| 1 | 1 | | | | | ideally & latter part the same. |
| 2 | 1 | | | | | At 10 am. spoke the Eng. Bark |
| 3 | 1 | | | | | Caledonia 7500 tons for Liverpool |
| 4 | 1 | | | | | for Born Bay |
| 5 | 1 | | | | | |
| 6 | 1 | | | | | |
| 7 | 1 | | | | | |
| 8 | 1 | | | | | |
| 9 | 1 | | | | | |
| 10 | 1 | | | | | |
| 11 | 1 | | | | | |
| 12 | 1 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | 27.17 | | | | 23.17 | |

from *towards*

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|---|
| 1 | 8 | | NEB | SE | | <i>Monday May 11</i> <i>First breeze - thick morning with</i> <i>clouds still in sight on the land</i> <i>at 11 AM. came a strong breeze</i> <i>looked in light sails. A little</i> <i>up sails. & furlled the main sail.</i> <i>latter part strong moderate</i> <i>but out reef & set all sail.</i> <i>No observation</i> <i>to day out</i> |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 7 | | NEB | | | |
| 5 | 8 | 1 | | | | |
| 6 | 8 | 1 | | | | |
| 7 | 8 | 1 | | | | |
| 8 | 8 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |
| 1 | 8 | | | | | |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | | | | |
| 12 | 8 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | 42° 1' | | SE | | 274 | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|--|
| 1 | 8 | | NEB | SE | | <i>Tuesday May 12</i> <i>came in with moderate breeze</i> <i>at 11 PM. came</i> <i>of squally attended with sharp</i> <i>lightning & thunder. Look in</i> <i>light sails & double reefed the top sail.</i> <i>throughout the strong gales & hard squalls</i> <i>with thunder & lightning. At 4 AM.</i> <i>furlled fore sail & top sail & close reefed</i> <i>the main top sail. At 12 took in main</i> <i>top sail - heavy under deck</i> <i>up to the day. hard going</i> <i>No observation</i> |
| 2 | 8 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | |
| 7 | 8 | | | | | |
| 8 | 9 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | 1 | NEB | SE | | |
| 11 | 8 | 1 | | | | |
| 12 | 8 | | | | | |
| 1 | 7 | | | | | |
| 2 | 7 | | | | | |
| 3 | 8 | | | | | |
| 4 | 8 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | |
| 9 | 8 | | | | | |
| 10 | 8 | | | | | |
| 11 | 8 | | NEB | SE | | |
| 12 | 8 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | 31° 55' | | | | 357 | |

Trig. Colly from Salome towards Longitun

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. | |
|----|----|------|----------|--------|------|--|--|
| 1 | | | | | | Monday May 15 th | |
| 2 | | | | | | Heavy gale with rainy weather with heavy sea running. | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | At 11 A.M. wind very much moderate - took in top sail & left off E 1/2 S set double reefed top sail - | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | Midday & latter part fine breeze & pleasant weather, but not warm set light sails - 77 degs temp (No observation) | |
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My Rolla from Salem towards Lantz

| H. | K. | H.K. | Courses. | Winds. | Lec. | Remarks. |
|----|----|------|----------|--------|------|---|
| 1 | | | N.N.E. | | | Commences with moderate breeze |
| 2 | | | | | | & pleasant weather. Men employed |
| 3 | | | | | | getting up the (masts & getting down |
| 4 | | | | | | on the boat |
| 5 | | | | | | |
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| 7 | | | | | | |
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| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | Mixed & better part light wind from |
| 12 | | | | | | the North-east - right about. |
| 1 | | | E. S. E. | | | |
| 2 | | | | | | |
| 3 | | | | | | Instead of a strong & strong E. N. E. wind |
| 4 | | | | | | my heavy light breeze - Breeze set in. |
| 5 | | | | | | |
| 6 | | | | | | Then S. E. & moderate breeze - Wind is the part |
| 7 | | | | | | of the main - my heavy breeze - my light |
| 8 | | | | | | long breeze - |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | Lat. 46° 30' N. Long. 71° 30' W. |
| 12 | | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lec. | Remarks. |
|----|----|------|------------|--------|------|--|
| 1 | 2 | 1 | E. S. E. | | | Light breeze & a heat wind with |
| 2 | 2 | 1 | | | | pleasant weather |
| 3 | 2 | 1 | | | | |
| 4 | 2 | 1 | | | | |
| 5 | 2 | 1 | E. N. E. | | | |
| 6 | 2 | 1 | | | | |
| 7 | 4 | 1 | N. E. & N. | | | |
| 8 | 4 | 1 | N. N. E. | | | At 8 o'clock the wind hauled so as to be |
| 9 | 4 | 1 | | | | our course. |
| 10 | 4 | 1 | | | | |
| 11 | 4 | 1 | | | | Mixed & better part light wind and |
| 12 | 4 | 1 | | | | pleasant weather. |
| 1 | 4 | 1 | | | | about the main & part the old one |
| 2 | 4 | 1 | | | | about the main & part the old one |
| 3 | 4 | 1 | | | | about the main & part the old one |
| 4 | 4 | 1 | | | | about the main & part the old one |
| 5 | 4 | 1 | | | | about the main & part the old one |
| 6 | 4 | 1 | | | | about the main & part the old one |
| 7 | 4 | 1 | | | | about the main & part the old one |
| 8 | 4 | 1 | | | | about the main & part the old one |
| 9 | 4 | 1 | | | | about the main & part the old one |
| 10 | 4 | 1 | | | | about the main & part the old one |
| 11 | 4 | 1 | | | | about the main & part the old one |
| 12 | 4 | 1 | | | | about the main & part the old one |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Br. Polly

from Salem

towards

Barbados

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|---------------------|--------|------|-----------------------------------|
| 1 | 2 | | N 6 th E | light | | Tuesday May 19 th 1849 |
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| 9 | 2 | 1 | | | | |
| 10 | 2 | 1 | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | |
| 1 | 2 | 1 | | S. W. | | |
| 2 | 2 | 1 | | | | |
| 3 | 2 | 1 | | | | |
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| 11 | 2 | | | | | |
| 12 | 2 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
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| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|---------------------|--------|------|--------------------------------|
| 1 | 0 | | N 6 th E | light | | Wednesday May 20 th |
| 2 | 0 | | | | | |
| 3 | 0 | | | | | |
| 4 | 0 | | | | | |
| 5 | 0 | | | | | |
| 6 | 0 | | | | | |
| 7 | 0 | 1 | | | | |
| 8 | 0 | 1 | | | | |
| 9 | 0 | 1 | | | | |
| 10 | 0 | 1 | | | | |
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| 12 | 7 | | | | | |
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| 10 | 7 | 1 | | | | |
| 11 | 8 | | N. E. | | | |
| 12 | 8 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Family

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|------------------|--------|------|---|
| 1 | ~ | | | | | Thursday May 21 st 1840 |
| 2 | ~ | | N ^W E | South | | (comes in with fine fresh breeze - |
| 3 | ~ | | | | | pleasant weather - At 9 a.m. get |
| 4 | ~ | | | | | ready to start to make the Land |
| 5 | ~ | | | | | Strong breeze & squally throughout the |
| 6 | ~ | | | | | night At 12 past 5 a.m. made port |
| 7 | ~ | | North | North | | Young, Africa leaving for (perhaps |
| 8 | ~ | | | | | N.W. distance 30 miles. |
| 9 | ~ | | | | | Ends with fine breeze & pleasant weather |
| 10 | ~ | | | | | coasting along the N. & N.W. (perhaps |
| 11 | ~ | | | | | the sun (chronometer puts us about 45° |
| 12 | ~ | | | | | too far East Lat. obs. 14° 10' South |
| 1 | ~ | | | | | Long for (from 10 a.m. 21 st 1840) |
| 2 | ~ | | | | | |
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| Course. | Dist. | Diff. Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | 12 | | | |

| H. | K. | H.K. | Courses. | Winds. | Loc. | Remarks. |
|----|----|------|----------|--------|------|---------------------------------------|
| 1 | 7 | / | N. & E | Scat. | | Commenced with fine breeze and |
| 2 | 7 | / | | | | pleasant weather. Sailing along the |
| 3 | 7 | / | | | | coasting (west at about 60 miles out) |
| 4 | 7 | / | | | | from shore. |
| 5 | 7 | / | | | | |
| 6 | 7 | / | | | | |
| 7 | 7 | / | | | | |
| 8 | 7 | / | | | | |
| 9 | 7 | / | N. N. E | | | Strong breeze throughout the day. |
| 10 | 7 | / | | | | |
| 11 | 8 | / | | | | |
| 12 | 8 | / | | | | |
| 1 | 8 | / | | | | |
| 2 | 8 | / | N. N. E | | | |
| 3 | 8 | / | | | | |
| 4 | 8 | / | | | | |
| 5 | 8 | / | | | | |
| 6 | 8 | / | | | | |
| 7 | 8 | / | | | | |
| 8 | 8 | / | | | | |
| 9 | 7 | / | | | | |
| 10 | 7 | / | | | | |
| 11 | 7 | / | | | | |
| 12 | 7 | / | | | | |

[illegible]

• 10 11 from *San Juan* towards *San Juan de los Rios*

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|---|
| 1 | | | | | | <i>Sunday Sept. 17th 1840</i> Finished all our business on shore - but in haste the last half of the morning was only half past 11. At 11 Parker to visit the Super - put him the balance of his week, and came on board with him - from all hands given at 2 1/2 o'clock Mr. Parker went to the and at 3 o'clock P.M. the gunboat was dashed out the northward way - Capt. Hays with the accompanied and arrived for the and Pilot at 4 o'clock of all reefs and sheet - The Parker is quite unwell - I was very sorry to part with him. Spitzberg from me here, that he had longed to stay in this detestable place. I think my God that my ears all set were alive - and why he wanted us a safe & speedy return to New York - dear friends - |
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| 12 | | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|--|
| 1 | | | | | | <i>Sunday Sept. 20th 1840</i> At 2 P.M. came to anchor off St. Thomas about 10 miles from shore - the wind throughout the night quite warm & the weather was troublesome - At 4 A.M. got under way - light baffling wind & very rough At 6 P.M. came to anchor off King St. at 10 fathoms water - |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Brig Holly from Zanzibar towards Majunga & Salind

H. K. H. K. Courses. Winds. Lee. Remarks. Monday Sept. 21st 1840

| | | | | | | |
|----|--|--|--|--|--|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

All this day fine pleasant weather. at 6 A.M. got underway with a light breeze from the South and proceeded towards Pemba Island. We are a long time getting clear of the land. It is the last quarter of the Moon & the current here is small.

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

H. K. H. K. Courses. Winds. Lee. Remarks. Tuesday Sept. 22nd 1840

| | | | | | | |
|----|-----|--|-----|-------|--|--|
| 1 | 1/2 | | N E | S. E. | | |
| 2 | 1/2 | | | | | |
| 3 | 1/2 | | | | | |
| 4 | 1/2 | | | | | |
| 5 | 1/2 | | | | | |
| 6 | 1/2 | | | | | |
| 7 | 1/2 | | | | | |
| 8 | 1/2 | | | | | |
| 9 | 1/2 | | | | | |
| 10 | 1/2 | | | | | |
| 11 | 1/2 | | | | | |
| 12 | 1/2 | | | | | |
| 1 | 1/2 | | | | | |
| 2 | 1/2 | | | | | |
| 3 | 1/2 | | | | | |
| 4 | 1/2 | | | | | |
| 5 | 1/2 | | | | | |
| 6 | 1/2 | | | | | |
| 7 | 1/2 | | | | | |
| 8 | 1/2 | | | | | |
| 9 | 1/2 | | | | | |
| 10 | 1/2 | | | | | |
| 11 | 1/2 | | | | | |
| 12 | 1/2 | | | | | |

(Wind in night quite light and pleasant weather. at 7 P.M. the N. N. Point of Pemba pr. compass South, distant 8 miles. from which we take our departure. - Drove in all strong. Sails and hauled to the west to the Eastward.

Throughout the night strong breeze - pleasant. time the same
Lat. Obs. 4° 10' South
Long. pr (Obs. 41° 15' East

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Brig Polly from Zanzibar towards Majunga + Salomon

H. K. H.K. Courses. Winds. Lec. Remarks. Wednesday Sept. 23rd 1840

| | | | | | | |
|----|---|--|---------|-----|----|--|
| 1 | 4 | | 8 1/2 N | SEB | 12 | Commences with strong breeze and thick heavy weather |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | 8 1/2 N | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | Midnight - Letter from the home - The shells have a long list, going to Majunga - Lat. Obs. 5° 44' South |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

| Course. | Dist. | Diff. Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

H. K. H.K. Courses. Winds. Lec. Remarks. Thursday Sept 24th 1840

| | | | | | | |
|----|---|--|--|--|--|---|
| 1 | 4 | | | | | once in with strong breeze and heavy weather - At midnight strong breeze and a heavy head sea - took in all light sails and single reefed top sails |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | once the same Lat. Obs. 5° 20' South Long. for. obs. 44° 10' East 5 days out |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

| Course. | Dist. | Diff. Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Brig Kolla from Zanzibar towards Mangoch & Labem

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|---|
| 1 | 4 | | h/2 S | SSE | 1/2 | Friday Sept. 25 th 1840 |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 3 | | SSE | | | Comes in with fresh breezes and pleasant weather - at 3 P.M. set out all reefs & set top gallant sail |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | East | | | Middle & latter part squally with light showers of rain - |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | Lat. obs. 3° 11' South Long. for true 45° 00' East |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| | | | | | | 6 days out - |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|---------------------------------|
| 1 | 5 | | to b k | S.S.E. | 1/2 | Saturday Sept. 26 th |
| 2 | 5 | | | | | Strong breezes and pleasant |
| 3 | 5 | | | | | weather - at 5 P.M. took ship |
| 4 | 5 | | | | | to the S.W. |
| 5 | 5 | | | | | |
| 6 | 4 | | S.W. | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | Squally - and a heavy sea on - |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | Lat. obs. 4° 29' south |
| 7 | 3 | | | | | Long. for true 44° 00' East |
| 8 | 3 | | | | | Then 80° |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | 7 days out |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Big Polka from *Lanzibar* towards *Maungat* *Salem*

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|-----------|-----------|------------|--|
| 1 | 4 | | <i>SW</i> | <i>SE</i> | <i>1/2</i> | <i>Sunday Sept. 27th 40</i> <i>Comes in with strong breeze and a heavy head sea -</i> <i>Middle & latter part most pleasant -</i> <i>Lat. Obs. 6° 07' South</i> <i>Long. for (true) 43° 32' East</i> <i>8 days out</i> |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|-----------|-----------|------------|--|
| 1 | 5 | | <i>SW</i> | <i>SE</i> | <i>1/2</i> | <i>Monday Sept. 28th</i> <i>Comes in with strong breeze and a heavy weather -</i> <i>Middle & latter part the same -</i> <i>Experienced a current setting to the S.W. - about 1 mile per hour -</i> <i>Lat. Obs. 8° 11' South</i> <i>Long. for (true) 42° 31' East</i> |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Big Kolla from Zanzibar towards Majunga & Salem

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|-------------------|--------|------|---|
| 1 | 4 | | S 1/2 N. E. S. E. | 1/2 | | Commenced with gentle breeze and fine pleasant weather. |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | Middle & latter part the same Experienced a current setting S. by N. about 1 1/2 miles per hour. |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|-------------------|--------|------|--|
| 1 | 3 | | S 1/2 N. E. S. E. | 1/2 | | Light baffling winds and pleasant weather. |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 3 | | | | | |
| 10 | 1 | | S. E. S. S. W. | | | 11 days out. Experienced a current setting to the S. W. by S. about 1 1/2 miles per hour. At 7 am. took the minor to the S. W. tack ^d ship to the S. E. |
| 11 | 1 | | | | | |
| 12 | 1 | | | | | |
| 1 | 1 | | | | | |
| 2 | 1 | | | | | |
| 3 | 1 | | | | | |
| 4 | 1 | | | | | |
| 5 | 2 | | | | | |
| 6 | 2 | | | | | |
| 7 | 2 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Brig Kolla from Zanzibar towards Majunga & Salen

H. K. H.K. Courses. Winds. Lee. Remarks. Thursday October 1st 1840

| | | | | | | |
|----|---|--|-------|----------|-----|---|
| 1 | 4 | | S. E. | S. S. W. | 1/2 | Comes in with gentle breezes and pleasant weather - at 9 AM tacks Ship to the N. W. |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |
| 1 | 5 | | | | | Middle & latter part fresh breezes and hazy weather - At noon tacks Ship to the S. E. Experiences a current setting to the South 1 1/2 miles per hour - Lat. Obs ^d 12° 24' South Long. per Chron. 41° 19' East |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

H. K. H.K. Courses. Winds. Lee. Remarks. Friday October 2nd 1840

| | | | | | | |
|----|---|--|-------|---|--|---|
| 1 | 4 | | E S E | S | | Comes in with gentle breezes and pleasant weather - At Midnight tacks Ship to the S. W. Terminates with moderate breezes and pleasant weather - Experiences a current setting South 1 1/2 miles per hour - Lat Obs ^d 13° 16' S Long per Chron. 41° 37' E |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | |
| 12 | 2 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Brig Kollar from Larribar towards Mananga + station

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|------------|--------|------|---|
| 1 | 2 | | 66 N | S.E. | 1/2 | Moderate breezes + fine pleasant weather - at 5 P.M. took a strong breeze from the S.E. backed ship to the South. |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | S.S.W. | S.E. | | |
| 5 | 5 | | S.W. | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 2 | | | | | |
| 11 | 2 | | | | | Throughout the night calm |
| 12 | 1 | | | | | |
| 1 | 0 | | | | | |
| 2 | 0 | | | | | |
| 3 | 0 | | | | | |
| 4 | 0 | | | | | |
| 5 | 0 | | | | | |
| 6 | 0 | | | | | |
| 7 | 0 | | | | | |
| 8 | 0 | | | | | |
| 9 | 5 | | South S.E. | | | |
| 10 | 5 | | | | | Gentle breezes + pleasant weather - Lat. obs ^d 14° 26" South |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|--|
| 1 | 3 | | N.E. | E.S.E. | | Gentle breezes + fine pleasant weather - |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | S.S.E. | E | | |
| 5 | 3 | | | | | |
| 6 | 3 | | S.E. | N.E. | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | 66 S.W. | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | Middle + Latter part light baffling winds + pleasant weather |
| 12 | 3 | | | North | | |
| 1 | 3 | | | | | |
| 2 | 2 | | | | | |
| 3 | 2 | | | | | |
| 4 | 2 | | | | | |
| 5 | 3 | | | | | |
| 6 | 1 | | | | | |
| 7 | 1 | | | | | |
| 8 | 7 | | | | | |
| 9 | 0 | | | | | Lat. obs ^d 14° 26' South Long pos ⁿ 43° 02' E |
| 10 | 0 | | | | | |
| 11 | 0 | | | | | |
| 12 | 0 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Brig Kotta from Zanzibar towards Majunga & Allen

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|----------|------|---|
| 1 | 1 | | E S E | Baffling | | Light baffling winds and pleasant weather - |
| 2 | 1 | | | | | |
| 3 | 1 | | | | | |
| 4 | 1 | | | | | |
| 5 | 1 | | | | | |
| 6 | 1 | | | | | |
| 7 | 1 | | | | | |
| 8 | 1 | | | | | |
| 9 | 1 | | | | | |
| 10 | 1 | | | | | |
| 11 | 1 | | | | | |
| 12 | 2 | | | | | |
| 1 | 2 | | | | | Middle & Latter part the same - |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| | | | | | | Lat. $14^{\circ} 34'$ South |
| | | | | | | Long. $40^{\circ} 48'$ E |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|----------|------|---|
| 1 | 3 | | S. E. | N. W. | | Gentle breezes & fine pleasant weather - |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | 1 | | | | |
| 6 | 3 | 1 | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |
| 1 | 5 | | | | | Middle & Latter part the same - |
| 2 | 5 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | E. S. E. | Variable | | |
| 6 | 4 | | | | | |
| 7 | 3 | | E. S. E. | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 5 | | South | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |
| | | | | | | Lat Obs ^d $14^{\circ} 57'$ South |
| | | | | | | Long. $40^{\circ} 11'$ East |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Brig Kolla from *Zanzibar* towards *Majunga* & *Salem*

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|--|
| 1 | 5 | | SE | SE | | <p>Wednesday Oct^r 7th 1840</p> <p>Came in with brisk breezes from the S.W. at 3 P.M. the vessel moved to the North - set the Larboard Studding Sails - at 10 P.M. made Table Cape, bearing per compass S.W. - at 4 A.M. Makumba Islands bore S.W. - dist 2 miles</p> <p>Boreas with fine weather & light breezes - At 4 P.M. Anchored at Majunga</p> <p>Lat. 15.40 -</p> <p>18 days out.</p> |
| 2 | 5 | | | | | |
| 3 | 4 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 2 | | | | | |
| 1 | 2 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 5 | | SE | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 3 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|----------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Bris Ralla from Majunga towards Salem

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. Friday November 27 th 1840 |
|----|----|------|---------------|---------|------|---|
| 1 | 6 | ' | N n ½ N | S.E. 66 | Non | Commences with fine Trades, and passing showers of rain. We sailed from Majunga Octo. 16 th and are 42 days out. 20 days from the Cape of Good Hope - and 8 days from the Latitude of St. Helena - We have the Rigging all fitted and turned and the Ship all painted inside - We have had fine steady breezes & good weather since leaving Pt. Natal - without a calm or a gale - Lat. obs 5° 06' South. Long. p. Chron. 25° 10' West |
| 2 | 6 | ' | | | | |
| 3 | 6 | ' | | | | |
| 4 | 6 | ' | | | | |
| 5 | 6 | ' | | | | |
| 6 | 6 | ' | | | | |
| 7 | 6 | ' | | | | |
| 8 | 6 | ' | | | | |
| 9 | 6 | ' | | | | |
| 10 | 6 | ' | | | | |
| 11 | 6 | ' | | | | |
| 12 | 6 | ' | | | | |
| 1 | 5 | ' | 143 miles Log | | | |
| 2 | 5 | ' | | | | |
| 3 | 5 | ' | | | | |
| 4 | 5 | ' | | | | |
| 5 | 5 | ' | | | | |
| 6 | 5 | ' | | | | |
| 7 | 5 | ' | | | | |
| 8 | 5 | ' | | | | |
| 9 | 6 | ' | | | | |
| 10 | 6 | ' | | | | |
| 11 | 6 | ' | | | | |
| 12 | 6 | ' | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|-------|---------------|-------------|--------|-------------|-----------|--------------|
| N n ½ N | 143 | 1° 31' | 110.5 | 5° 05' S | 5° 06' S | 10° W | 1° 51' | 25° 10' | Non |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. Saturday Nov 28 th |
|----|----|------|-----------|--------|------|--|
| 1 | 6 | ' | N n ½ N | S.E. | Non | Commences with light Trades and fine pleasant weather - Midnight past fine breeze - passing south - Experienced a Current of 17' setting West - Ends with fine breeze and pleasant weather - Thermometer 50° - Long. p. Chron. 27° 10' West |
| 2 | 6 | ' | | | | |
| 3 | 6 | ' | | | | |
| 4 | 6 | ' | | | | |
| 5 | 6 | ' | | | | |
| 6 | 6 | ' | | | | |
| 7 | 6 | ' | | | | |
| 8 | 6 | ' | | | | |
| 9 | 6 | ' | | | | |
| 10 | 6 | ' | | | | |
| 11 | 6 | ' | | | | |
| 12 | 6 | ' | | | | |
| 1 | 6 | ' | 145 miles | | | |
| 2 | 6 | ' | | | | |
| 3 | 6 | ' | | | | |
| 4 | 6 | ' | | | | |
| 5 | 6 | ' | | | | |
| 6 | 6 | ' | | | | |
| 7 | 6 | ' | | | | |
| 8 | 6 | ' | | | | |
| 9 | 6 | ' | | | | |
| 10 | 6 | ' | | | | |
| 11 | 6 | ' | | | | |
| 12 | 6 | ' | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| N n ½ N | 145 | 1. 32 | 112 | 3° 34' S | 3° 35' | 10° W | 1° 51' | 27° 01' | Non |

| Brig Polla from Majunga towards Salem | | | | | | | | | | | |
|---------------------------------------|----|-------|-----------------------------------|------------|-------|--|-------------|--------|-------------|-----------|--------------|
| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. Sunday Nov. 29 th 1840 | | | | | |
| 1 | 6 | | N N ¹ / ₂ E | S. E. | N | Comes in with fine trades and pleasant weather. | | | | | |
| 2 | 6 | | | | | | | | | | |
| 3 | 6 | | | | | | | | | | |
| 4 | 6 | | | | | | | | | | |
| 5 | 6 | | | | | | | | | | |
| 6 | 6 | | | | | | | | | | |
| 7 | 6 | | | | | | | | | | |
| 8 | 6 | | | | | | | | | | |
| 9 | 6 | 1 | | | | | | | | | |
| 10 | 6 | 1 | | | | Middle part brisk breezes and squally. | | | | | |
| 11 | 6 | 1 | | | | | | | | | |
| 12 | 6 | 1 | | | | | | | | | |
| 1 | 6 | 1 | | | | Latter part brisk breezes and pleasant. | | | | | |
| 2 | 6 | 1 | | | | | | | | | |
| 3 | 6 | 1 | | | | | | | | | |
| 4 | 6 | 1 | | | | Ther 85° Experience a current of 207 setting West. Long. pr. Chr. 29° 32' West 44 days out | | | | | |
| 5 | 6 | | | | | | | | | | |
| 6 | 6 | | | | | | | | | | |
| 7 | 6 | | | | | | | | | | |
| 8 | 6 | | | | | | | | | | |
| 9 | 6 | | | | | | | | | | |
| 10 | 6 | | | | | | | | | | |
| 11 | 6 | | | | | | | | | | |
| 12 | 6 | | | | | | | | | | |
| Course. | | | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
| N N ¹ / ₂ E | | | 148 | 1° 34' | 114.4 | 2° 01' S | 2° 02' S | 9° W | 1° 55' | 28° 56' | N |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. Monday Nov 30 th | | | | | |
|-----------------------------------|----|---------|-----------------------------------|------------|------|---|-------------|--------|-------------|-----------|-------------|
| 1 | 5 | | N N ¹ / ₂ E | S. E. | N | Comes in with moderate trades and pleasant weather. | | | | | |
| 2 | 5 | | | | | | | | | | |
| 3 | 5 | | | | | | | | | | |
| 4 | 5 | | | | | | | | | | |
| 5 | 5 | | | | | | | | | | |
| 6 | 5 | | | | | | | | | | |
| 7 | 5 | | | | | | | | | | |
| 8 | 5 | | | | | | | | | | |
| 9 | 5 | | | | | | | | | | |
| 10 | 5 | | | | | Middle and latter part the same. | | | | | |
| 11 | 5 | | | | | | | | | | |
| 12 | 5 | 1 | | | | | | | | | |
| 1 | 5 | 1 | | | | Long. pr. Chr. 31° 16' West | | | | | |
| 2 | 5 | 1 | | | | | | | | | |
| 3 | 5 | 1 | | | | | | | | | |
| 4 | 5 | 1 | | | | | | | | | |
| 5 | 6 | | | | | | | | | | |
| 6 | 6 | | | | | | | | | | |
| 7 | 6 | | | | | | | | | | |
| 8 | 6 | | | | | | | | | | |
| 9 | 6 | | | | | | | | | | |
| 10 | 6 | | | | | | | | | | |
| 11 | 6 | | | | | | | | | | |
| 12 | 6 | 130 1/2 | | | | | | | | | |
| Course. | | | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long by Ob. |
| N N ¹ / ₂ E | | | 130.5 | 1. 27' | 96 | 0° 35' | 0° 34' S | 10° W | 1° 36' | 30° 32' | 31° 00' |

Brig Kolla from Mayunga towards Salem

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. Tuesday December 1 st 1840 |
|----|----|------|-------------------|--------|------|---|
| 1 | 5 | | N $\frac{1}{2}$ E | S.E. | | Comes in with moderate breezes and squally appearances - At 10 P.M. came on squally - too in all light sails. |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |
| 1 | 5 | | | | | Mild and latter part more moderate pleasant. all day set to the best advantage - Long. fr. Chro. 52° 44' West (46 days out) |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|-------------------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| N $\frac{1}{4}$ E | 120 | 11 | 9 | 0.472 | 0.582 | 12 | 1.272 | 32.01 | N |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. Wednesday Dec. 2 nd 1840 |
|----|----|------|-------------------|--------|------|--|
| 1 | 5 | | N $\frac{1}{2}$ E | S.E. | | Fine but fresh air and moderate breezes and passing clouds - all day set before the wind |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |
| 1 | 5 | | | | | Long. fr. Chro. 54° 26' West Sun 55° and very hot |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|-------------------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| N $\frac{1}{4}$ E | 124 | 92 | 84 | 2° 30' N | 2° 44' N | 14 | 84 | 33° 20' | N |

Bric Kolla from Najiunga towards Salem

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|----------|----------|----------|------|------------------------------------|
| 1 | 5 | | N.N.W. | ESE | Non | Thursday Dec 3 rd 1840- |
| 2 | 5 | | | | | Comes in with moderate |
| 3 | 5 | | | | | traces and equally appear |
| 4 | 5 | | | | | and |
| 5 | 4 | | | | | |
| 6 | 4 | | | Variable | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | N.N.W. | | | |
| 10 | 4 | | | | | Middle and latter part |
| 11 | 4 | | | | | equally, with heavy showers of |
| 12 | 4 | | N.N.W. | | | rain. Taking in making |
| 1 | 3 | | | | | and as required |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | | | | |
| 9 | 4 | | | | | Longitude for Chro. 35.4.0 West |
| 10 | 3 | | | | | 48 days out |
| 11 | 3 | | | | | |
| 12 | 3 | 89 miles | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| N 34° W | 89 | 73 | 50 | 3° 57' N | 4° 00' N | 1/4 | 50 | 34° 15' N | Non |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|----------|----------|----------|------|----------------------------------|
| 1 | 2 | | N.N.W. | Variable | Non | Friday December 4 th |
| 2 | 2 | | | | | Throughout these 24 hours, light |
| 3 | 2 | | | | | variable winds, and thick rainy |
| 4 | 2 | | | | | weather. |
| 5 | 3 | | N.W. | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | N.N.W. | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | | | | | |
| 1 | 3 | | Non. | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 3 | | N.N.W. | | | Long. for Chro. 36.33 West |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | | | | |
| 12 | 3 | 68 miles | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| N 42° W | 68 | 50 | 46 | 4° 50' N | 4° 51' N | 1/2 | 46' | 35.01' N | Non |

Big Kolla from Majunga towards Salent

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|----------|------|---|
| 1 | 3 | | N N | Variable | | Throughout these 24 hours, variable |
| 2 | 3 | | | | | win as, and squally- |
| 3 | 3 | | | | | taking in and making sail |
| 4 | 3 | | | | | all the time, without |
| 5 | 3 | | | | | getting along so fast as the |
| 6 | 3 | | | | | famous frog in the well- |
| 7 | 3 | | N N | | | then many more nearly day |
| 8 | 4 | | | | | and night must no pass on |
| 9 | 4 | | | | | the ocean. I am heartily tired |
| 10 | 3 | | | | | of being at sea - tis next thing to being |
| 11 | 3 | | | | | out of the world. |
| 12 | 3 | | | | | Long. for Chro. did not catch him |
| 1 | 4 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | N N | | | |
| 11 | 4 | | | | | |
| 12 | 4 | 86 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| N 32° W | 84 | 1. 11 | 43 | 6° 02' N | N 0° | 1/2 | 44' | 35.45 | N 0° |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|----------|------|----------------------------------|
| 1 | 5 | | N. West | East | | Commenced with brisk breeze, and |
| 2 | 5 | | | | | passing showers of rain - |
| 3 | 5 | | N N W | | | very uncomfortable & squally, |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | 1 | | E. S. E. | | |
| 9 | 5 | 1 | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 8 | | | | | Latter part more pleasant. |
| 1 | 8 | | | | | |
| 2 | 8 | 1 | | | | |
| 3 | 7 | | | | | |
| 4 | 7 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | N N | | | Long. for Chro. 38° 20' West |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | 144 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| N 45° W | 145 | 106 | 97 | 7° 48' N | 7° 44' | 1/2 | 1° 59' | 37° 28' | N 0° |

| Big Kolla from Majunga towards Salem | | | | | | | | | | |
|--------------------------------------|-------|------------|----------|---------------|-------------|---|-------------|-----------|--------------|--|
| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. Monday Dec. 7 th 1840 | | | | |
| 1 | 5 | 1 | N N | East | | Comes in with fine breeze and pleasant weather - but it don't last long - | | | | |
| 2 | 5 | 1 | | | | | | | | |
| 3 | 5 | 1 | | | | | | | | |
| 4 | 5 | 1 | | | | | | | | |
| 5 | 5 | 1 | | | | | | | | |
| 6 | 5 | 1 | | | | | | | | |
| 7 | 6 | | | | | | | | | |
| 8 | 6 | | | | | | | | | |
| 9 | 7 | | | | | | | | | |
| 10 | 7 | | | Variable | | Latter part light variable winds - attended with heavy showers of rain - (52 days out) Long. pr. Chro. 1° not catch him | | | | |
| 11 | 7 | | | | | | | | | |
| 12 | 5 | | | | | | | | | |
| 1 | 4 | | | | | | | | | |
| 2 | 4 | | | | | | | | | |
| 3 | 4 | | | | | | | | | |
| 4 | 4 | | | | | | | | | |
| 5 | 4 | | | | | | | | | |
| 6 | 3 | | | | | | | | | |
| 7 | 3 | | | | | | | | | |
| 8 | 3 | | | | | | | | | |
| 9 | 3 | | | | | | | | | |
| 10 | 3 | | | | | | | | | |
| 11 | 3 | | | | | | | | | |
| 12 | 3 | 110 | | | | | | | | |
| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. | |
| N N N | 110 | 70 | 85 | 8° 54' N | 9° 07' | 1/2 | 1° 26' | 38° 50' | N N | |
| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. Tuesday Dec. 8 th 1840 | | | | |
| 1 | 1 | | N N | Variable | | Comes in with light baffling winds & passing showers of rain - | | | | |
| 2 | 2 | | | | | | | | | |
| 3 | 3 | | | | | | | | | |
| 4 | 3 | | | | | | | | | |
| 5 | 3 | | | | | | | | | |
| 6 | 3 | | | | | | | | | |
| 7 | 3 | | | | | | | | | |
| 8 | 4 | | | | | | | | | |
| 9 | 5 | | | | | | | | | |
| 10 | 6 | | | E S E | | Made & latter part fine breeze and thick heavy weather - Experienced a Current setting West 1 1/2 miles pr. hour - Long. pr. Chro. 42° 00' West | | | | |
| 11 | 6 | | | | | | | | | |
| 12 | 6 | | | | | | | | | |
| 1 | 7 | | | | | | | | | |
| 2 | 7 | | | | | | | | | |
| 3 | 6 | | | | | | | | | |
| 4 | 6 | | | | | | | | | |
| 5 | 6 | | | | | | | | | |
| 6 | 6 | | | | | | | | | |
| 7 | 6 | | | | | | | | | |
| 8 | 6 | | | | | | | | | |
| 9 | 6 | | | | | | | | | |
| 10 | 6 | | | | | | | | | |
| 11 | 6 | | | | | | | | | |
| 12 | 6 | 119 | | | | | | | | |
| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. | |
| N 45° W | 119 | 76' | 92 | 10° 27' N | 10° 34' | 1/2 | 93' | 40° 23' | N N | |

Brig Kolla from Majunga towards Salem

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|---|
| 1 | 5 | | N West | E.S.E. | | Comes in with moderate breezes |
| 2 | 5 | | | | | from E.S.E. and thick heavy we- |
| 3 | 5 | | | | | ather - at midnight the wind |
| 4 | 5 | | | | | veers from E.E. to South, with |
| 5 | 5 | | | | | thick rainy weather, ties in all |
| 6 | 6 | | | | | light sail - at 2 A.M. the wind |
| 7 | 6 | | | | | shifts - into the N.N. - attended with |
| 8 | 6 | | | | | thick rainy weather + sharp lightning. |
| 9 | 6 | | | | | Latter strong breezes ^{from the North} + a heavy tumbling sea on - |
| 10 | 6 | | | | | at 11 am do better ^{refuse} the Top Sails. ^{flashed} |
| 11 | 5 | | | | | the 5th + Main Sails. |
| 12 | 5 | | | | | |
| 1 | 3 | | N N N - | | | |
| 2 | 3 | | | | | |
| 3 | 5 | | N N - | N N E | | |
| 4 | 5 | | | | | |
| 5 | 6 | | N N N - | North | | |
| 6 | 6 | 1 | | | | |
| 7 | 6 | 1 | N N - | | | |
| 8 | 6 | 1 | | | | |
| 9 | 7 | | | | | Lat. obs ^d indignant 11° 44' North |
| 10 | 7 | | N N N - | | | No Chron. Long. |
| 11 | 7 | | | | | (54 days out) |
| 12 | 7 | 134 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| N 54° W | 132 | 78.3 | 106' | 11° 52' | 11° 44' | 1/4 | 1° 48' | 42° 11' | N on |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|----------------------------------|
| 1 | 5 | | N N N - | North | | Comes in with strong breezes and |
| 2 | 5 | | | | | squally weather with a heavy |
| 3 | 5 | | | | | tumbling sea on - at 4 P.M. more |
| 4 | 5 | | | | | moderate. Let out all reefed |
| 5 | 5 | | | | | set Top Gallant Sails. |
| 6 | 5 | | | | | Midals and latter gentle breezes |
| 7 | 5 | | | | | and pleasant weather all sail |
| 8 | 5 | | | | | set to the best advantage - |
| 9 | 5 | | N West | N N E | | I fear our Brig is rather tender |
| 10 | 5 | | | | | Long for Chron. 45° 38' West |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |
| 1 | 5 | | | | | |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | 120 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| N 56° W | 119 | 66 | 98 | 12° 50' | 12° 52' | 1/4 | 1° 40' | 43° 51' | N on |

Brig Kolla from Majunga towards Salem

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|---|
| 1 | 5 | | N N | N E E | 12 | Commenced with gentle breezes (North East Trades) and fine pleasant weather - |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 6 | | N N | N E E | | Middle and latter part the same - Knocked my poor old milk goat in the head & threw her overboard - and as little Billy (the kid) has also caught the <u>Crown</u> <u>Crown</u> - and was very unlikely to live some we cut his throat and sent him after his mama, as an act of kindness - |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |
| 1 | 6 | | | N E | | Long for Chro. 47° 26' West |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 5 | 1 | | | | |
| 6 | 5 | 1 | | | | |
| 7 | 5 | 1 | | | | |
| 8 | 5 | 1 | | | | |
| 9 | 5 | 1 | | | | |
| 10 | 5 | 1 | | | | |
| 11 | 5 | 1 | | | | |
| 12 | 5 | 1 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| N N | 109 | 1. 38 | 103 | 14. 20 | 14° 23 | 1/4 | 1° 46 N | 47° 26 | West |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|--------|------|---|
| 1 | 5 | 1 | N N | N. E. | None | Commenced with gentle trades and passing clouds - |
| 2 | 5 | 1 | | | | |
| 3 | 5 | 1 | | | | |
| 4 | 5 | 1 | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | Middle part the same - latter part light variable winds & passing showers of rain |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |
| 1 | 6 | | | E S E | | Long for Chro. 49° 04' west |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 4 | | | | | Lat. obs. 15° 50' North |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | 122 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| N N | 124 | 1. 20 | 94 | 15° 24 | 15° 50 | 1/4 | 1. 37 | 49° 14 | West |

Brig Kolla from Majunga towards Salem

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|---------------|-----------|------|--|
| 1 | 5 | | N N E t E S E | E t E S E | | Throughout these 24 hours fine trades, with light passing showers of rain - all day set to the best advantage - |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | E t E S E | | | Long. for Chro. 50° 40' West (58 days out) |
| 12 | 6 | | | | | |
| 1 | 6 | | | | | |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 6 | | | | | |
| 6 | 6 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 6 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| N N E | 100 | 129 | 113 | 17° 19' | 17° 10' | 7 | 103 | 20° 5' | 110° 0' |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|-----------|-----------|------|--|
| 1 | 6 | 1 | N N W t E | E t E S E | | Commenced with brisk trades, with passing showers - Midday & latter part the same - Long. for Chro. 53° 01' West |
| 2 | 6 | 1 | | | | |
| 3 | 6 | 1 | | | | |
| 4 | 6 | 1 | | | | |
| 5 | 6 | 1 | | | | |
| 6 | 6 | 1 | | | | |
| 7 | 7 | 1 | | | | |
| 8 | 7 | 1 | | | | |
| 9 | 7 | 1 | | | | |
| 10 | 7 | 1 | | | | |
| 11 | 7 | 1 | | | | |
| 12 | 7 | 1 | | | | |
| 1 | 7 | 1 | E t E S E | | | |
| 2 | 7 | 1 | | | | |
| 3 | 7 | 1 | | | | |
| 4 | 7 | 1 | | | | |
| 5 | 7 | 1 | | | | |
| 6 | 7 | 1 | | | | |
| 7 | 7 | 1 | | | | |
| 8 | 7 | 1 | | | | |
| 9 | 8 | 1 | | | | |
| 10 | 8 | 1 | | | | |
| 11 | 8 | 1 | | | | |
| 12 | 8 | 1 | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| N N W | 170 | 236 | 112 | 19° 26' | 19° 21' | 7 | 108 | 21° 5' | 111° 0' |

Brig Kolla from Majunga towards Salem

H. K. H. K. Courses. Winds. Lee. Remarks. *Tuesday Decr 15th 1840*

| | | | | |
|----|---|---|--------------------------|--|
| 1 | 8 | | N N $\frac{1}{2}$ E East | |
| 2 | 8 | | | |
| 3 | 8 | | | |
| 4 | 8 | | | |
| 5 | 8 | | | |
| 6 | 8 | | | |
| 7 | 8 | | | |
| 8 | 8 | | | |
| 9 | 7 | / | | |
| 10 | 7 | / | | |
| 11 | 7 | / | | |
| 12 | 7 | / | | |
| 1 | 7 | / | | |
| 2 | 7 | / | E S E | |
| 3 | 7 | / | | |
| 4 | 7 | / | | |
| 5 | 7 | / | | |
| 6 | 7 | / | | |
| 7 | 7 | / | | |
| 8 | 7 | / | | |
| 9 | 7 | / | | |
| 10 | 7 | / | | |
| 11 | 7 | / | | |
| 12 | 7 | / | | |

Comes in with fine Trades with passing showers of rain.

Middle & Latter part strong breezes & fine pleasant weather - All sail set set to the very best advantage -

Long. for Chro. 54° 47' West

60 days out & not home yet!

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------------------------------------|------------|------------|------------|----------------|----------------|-----------|-------------|--------------|--------------|
| <i>N N $\frac{1}{2}$ E</i> | <i>182</i> | <i>142</i> | <i>117</i> | <i>21° 45'</i> | <i>21° 33'</i> | <i>2°</i> | <i>125</i> | <i>52.00</i> | <i>160N</i> |

H. K. H. K. Courses. Winds. Lee. Remarks. *Wednesday Decr 16th*

| | | | | |
|----|---|---|-----------|--|
| 1 | 6 | | N N E S E | |
| 2 | 6 | | | |
| 3 | 6 | | | |
| 4 | 6 | | | |
| 5 | 6 | | | |
| 6 | 6 | | | |
| 7 | 6 | | | |
| 8 | 6 | | | |
| 9 | 6 | | | |
| 10 | 6 | | | |
| 11 | 6 | | | |
| 12 | 6 | | | |
| 1 | 6 | | | |
| 2 | 6 | | | |
| 3 | 6 | | | |
| 4 | 6 | | | |
| 5 | 6 | | | |
| 6 | 6 | | S. E. | |
| 7 | 6 | | | |
| 8 | 6 | | | |
| 9 | 6 | / | | |
| 10 | 6 | / | | |
| 11 | 6 | / | | |
| 12 | 6 | / | | |

Comes in with moderate Trades, and delightfully pleasant weather.

Middle and Latter part the same - Painting the white streak today, which is a very silly piece of business, as the vessel is rolling her sides under water every five minutes - consequently the paint is thrown away -

Long. for Chro. 56° 45' West

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|----------------|--------|-------------|-----------|--------------|
| | | | | | <i>23° 27'</i> | | | | <i>56.50</i> |

Big Polka from Majunga towards Salem

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. Thursday Dec 17 th 1840 |
|----|----|------|----------|--------|------|---|
| 1 | 5 | | NW | S.E. | | Commenced with gentle |
| 2 | 5 | | | | | breezes and fine pleasant |
| 3 | 5 | | | | | weather. at 11 P.M. came |
| 4 | 4 | | | | | on squally from the S.W. |
| 5 | 5 | | | | | attended with heavy rain. |
| 6 | 6 | | NW | | | Set in all light sails. |
| 7 | 7 | | | | | |
| 8 | 8 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | | | | |
| 11 | 6 | | | | | |
| 12 | 5 | | | | | |
| 1 | 5 | | | | | |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

Middle & latter part more pleasant all sail set.

Long for Chro. 59° 55' (62 days out)

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | 24° 30' | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. Friday Dec 18 th 1840 |
|----|----|------|----------|--------|------|---|
| 1 | 5 | | NW | South | | Throughout these 24 hours |
| 2 | 5 | | | | | gentle breezes from the South |
| 3 | 5 | | | | | and fine pleasant weather. |
| 4 | 5 | | | | | All sail set to the best advantage. |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 4 | | | | | |
| 6 | 4 | | | | | |
| 7 | 4 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

Watch employed painting ship.

Long for Chro. 59° 55'

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | 25° 34' | | | | 60° 10' |

Big Rolla from Najunga towards Salem

H. K. H. K. Courses. Winds. Lee. Remarks. Saturday Dec. 19th 1840

| | | | | | | | |
|----|---|--|-------|-------------|--|--|--|
| 1 | 6 | | N N W | | | | |
| 2 | 6 | | | South | | | |
| 3 | 6 | | | | | | |
| 4 | 6 | | | | | | |
| 5 | 7 | | | | | | |
| 6 | 7 | | | | | | |
| 7 | 8 | | | | | | |
| 8 | 8 | | | | | | |
| 9 | 8 | | | | | | |
| 10 | 6 | | | West | | | |
| 11 | 4 | | | | | | |
| 12 | 3 | | | | | | |
| 1 | 3 | | | | | | |
| 2 | 3 | | | Variable | | | |
| 3 | 2 | | | | | | |
| 4 | 2 | | | | | | |
| 5 | 2 | | | | | | |
| 6 | 2 | | | | | | |
| 7 | 2 | | | | | | |
| 8 | 2 | | | | | | |
| 9 | 3 | | | | | | |
| 10 | 3 | | | | | | |
| 11 | 4 | | | | | | |
| 12 | 4 | | | N N W North | | | |

Comes in with brisk breezes and squally appearance - at 9 P.M. took in all light Sails - at 10 the wind shifted from South to West, attended with heavy squalls and sharp lightning - in the N.W. Double reefed the Top Sails - Throughout the night variable winds & rain - In the morning let out all reefs & set the light sails - at 11 A.M. the wind veered round to the North, tack & ship to the N.W. Ends with strong breezes & thick rainy weather - Took in all light Sails again - (64 days out) No Obs. this day -

Course. Dist. Diff. lat. Dep. Lat. by D.R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.

H. K. H. K. Courses. Winds. Lee. Remarks. Sunday Dec. 20th

| | | | | | | | |
|----|---|--|-------|-------|-------|--|--|
| 1 | 4 | | N N W | North | 1 | | |
| 2 | 4 | | | | | | |
| 3 | 5 | | | | | | |
| 4 | 6 | | | | | | |
| 5 | 4 | | | | | | |
| 6 | 3 | | | | | | |
| 7 | 3 | | | | | | |
| 8 | 3 | | | | | | |
| 9 | 3 | | | | 1 1/2 | | |
| 10 | 3 | | | | | | |
| 11 | 3 | | | | | | |
| 12 | 3 | | | | | | |
| 1 | 3 | | N N W | N N E | 0 | | |
| 2 | 4 | | | | | | |
| 3 | 6 | | N N W | | | | |
| 4 | 3 | | | E S E | | | |
| 5 | 3 | | N N W | North | 1 | | |
| 6 | 3 | | | | | | |
| 7 | 2 | | | | | | |
| 8 | 2 | | | | | | |
| 9 | 2 | | | | | | |
| 10 | 2 | | | | | | |
| 11 | 2 | | | | | | |
| 12 | 2 | | | | | | |

Comes in with strong breezes from the North - and thick rainy weather - at 6 P.M. double reefed the Top Sails & furled the St & Main Sails - at 7 P.M. gale increasing close reefed the Main Top Sail, & furled the fore Sail - Throughout the night squally wind veering from E.S.E. to North - taking in & making sail as required - Terminated with heavy gales from the North, attended with heavy squalls - No Obs. this day -

Course. Dist. Diff. lat. Dep. Lat. by D.R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.

Brig Polla from Myjunga towards Salem

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|----------|--------|------|--|
| 1 | 4 | | West | N N W | 1 | <p><i>Monday Decr 21st</i></p> <p>Cornes in with fresh gales and squally weather Saw a Schooner standing to the S. S. W. - At 3 P.M. set the Jib + Main Sail - Midale + Latter-part light baleline winds - cloudy weather -</p> |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 3 | | | | | |
| 9 | 3 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | | N N W | N N W | 12 | <p>Let out reef + set all the light sails - At 5 A.M. unhook the fore Top sail + main Top Gull Sail - bent others -</p> |
| 12 | 3 | | | | | |
| 1 | 3 | | | | | |
| 2 | 3 | | | | | |
| 3 | 3 | | | | | |
| 4 | 3 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 3 | | | | | |
| 8 | 2 | | | | | |
| 9 | 0 | | calm | | | <p>No observation this day 66 days out.</p> |
| 10 | 0 | | | | | |
| 11 | 0 | | | | | |
| 12 | 0 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|------|------------|--------|------|--|
| 1 | 0 | | N to N W | | | <p><i>Tuesday Decr 22nd 1840</i></p> <p>Light airs and calms to begin with with an ugly swell seen - at 4 P.M. took a light breeze from the North -</p> |
| 2 | 0 | | | | | |
| 3 | 0 | | | | | |
| 4 | 0 | | | | | |
| 5 | 3 | | | | | |
| 6 | 3 | | | | | |
| 7 | 4 | | | | | |
| 8 | 4 | | | | | |
| 9 | 4 | | | | | |
| 10 | 4 | | | | | |
| 11 | 4 | | N to N N E | | | <p>Terminates with gentle breezes from the N N E - pleasant weather - A Ship in sight standing N. R. W. We have been 4 days & nyp getting 1 1/2 degrees to the North -</p> |
| 12 | 4 | | | | | |
| 1 | 4 | | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 4 | | N N | | | <p>Long. for Chro. 65° 47' West</p> |
| 10 | 4 | | | | | |
| 11 | 4 | | | | | |
| 12 | 4 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | 27° 17' | | | | |

| Brig Kolla from Majunga towards Salem | | | | | | | | | | |
|---------------------------------------|----|-------|-------------|----------|---------------|---|------------------------------------|-------------|-----------|--------------|
| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. | Wednesday Dec 23 rd | | | |
| 1 | 4 | | N N | N.E. | | Throughout these 24 hours Light baffling winds + cloudy. | | | | |
| 2 | 4 | | | | | | | | | |
| 3 | 3 | | | | | | | | | |
| 4 | 3 | | | | | | | | | |
| 5 | 3 | | | | | | | | | |
| 6 | 3 | | N N 1/2 N | | | | | | | |
| 7 | 4 | | | | | | | | | |
| 8 | 4 | | | | | | | | | |
| 9 | 4 | | | | | | | | | |
| 10 | 4 | | | | | | | | | |
| 11 | 3 | | | | | | | | | |
| 12 | 3 | | | | | | | | | |
| 1 | 3 | | | | | The Ship still in sight on the Lee Bow - | | | | |
| 2 | 3 | | | | | | | | | |
| 3 | 3 | | | | | | | | | |
| 4 | 3 | | | | | | | | | |
| 5 | 3 | | | | | | | | | |
| 6 | 2 | | | | | | | | | |
| 7 | 2 | | | | | | | | | |
| 8 | 2 | | | | | | | | | |
| 9 | 2 | | | | | | | | | |
| 10 | 2 | | | | | | | | | |
| 11 | 2 | | | | | | | | | |
| 12 | 2 | | | | | | | | | |
| Course. | | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
| | | | | | | 27° 45' | | | | |
| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. | Thursday Dec 24 th 1840 | | | |
| 1 | 2 | | N N | Baffling | | Comes with light baffling winds + cloudy - Saw a Brig stand- ing to the South - At 11.30 P.M. came on fresh gales and squally from the N.E. Took in all Light sails + double reefed Top Sails. | | | | |
| 2 | 2 | | | | | | | | | |
| 3 | 2 | | | | | | | | | |
| 4 | 2 | | | | | | | | | |
| 5 | 3 | | | | | | | | | |
| 6 | 3 | | | | | | | | | |
| 7 | 4 | | | | | | | | | |
| 8 | 4 | | | | | | | | | |
| 9 | 4 | | | | | | | | | |
| 10 | 4 | | N N | N.E. | | | | | | |
| 11 | 5 | | | | | | | | | |
| 12 | 5 | | | | | | | | | |
| 1 | 4 | | | | | Middle part fresh gales, heavy squalls + a heavy head sea - Latter part the same - wind veer- ing from N.E. to N N W - at 11 tack ^d . Ship to the North - (No Obs. this day | | | | |
| 2 | 4 | | | | | | | | | |
| 3 | 4 | | | | | | | | | |
| 4 | 4 | | | | | | | | | |
| 5 | 5 | | | | | | | | | |
| 6 | 5 | | | | | | | | | |
| 7 | 5 | | | | | | | | | |
| 8 | 5 | | | | | | | | | |
| 9 | 4 | | N N | | | | | | | |
| 10 | 4 | | | | | | | | | |
| 11 | 3 | | | | | | | | | |
| 12 | 1 | | North N N W | | | | | | | |
| Course. | | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
| | | | | | | | | | | |

Big Rolla from Majunga towards Salem.

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. Friday December 25 th 1840 |
|----|----|------|-----------------------------------|--------|------|---|
| 1 | 4 | | N N ¹ / ₂ E | N N E | | Comes in with strong breezes and a heavy head sea. Let out all reefs and set top Galt. sails. |
| 2 | 4 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | N N ¹ / ₂ E | | | |
| 6 | 5 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | N N W | | | |
| 10 | 6 | | | | | |
| 11 | 5 | 1 | | | | Middle + latter part light baffling winds + passing clouds. |
| 12 | 5 | 1 | | | | |
| 1 | 5 | 1 | N W | | | |
| 2 | 5 | 1 | | | | |
| 3 | 5 | 1 | | | | |
| 4 | 5 | 1 | | | | Lat. obs. 28° 57' North Long. pr. Chron. 69° 24' West (70 days out) |
| 5 | 5 | | | | | |
| 6 | 4 | | | | | |
| 7 | 2 | | | | | |
| 8 | 2 | | | | | |
| 9 | 2 | | | | | |
| 10 | 1 | | | | | |
| 11 | 1 | | | | | |
| 12 | 1 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. Saturday Decr 26 th |
|----|----|------|----------|--------|------|---|
| 1 | 0 | | calm | | | Comes in with light airs + calm - at 8 P.M. took a gentle breeze from the South - Set starboard Studdg. sails. |
| 2 | 0 | | | | | |
| 3 | 0 | | | | | |
| 4 | 0 | | | | | |
| 5 | 1 | | N E W | South | | |
| 6 | 1 | | | | | |
| 7 | 1 | | | | | |
| 8 | 1 | | | | | |
| 9 | 2 | | | | | |
| 10 | 3 | | | | | |
| 11 | 3 | 1 | | | | Fine breezes and pleasant weather - At 9 A.M. wind veered round to the Westward - Set starboard Studdg. sails - Lat. obs. 30° 07' North Long. pr. Chron. 69° 40' West |
| 12 | 3 | 1 | | | | |
| 1 | 3 | 1 | | | | |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | SW | | |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | | | | | |
| 10 | 5 | | | N N W | | |
| 11 | 5 | | | | | |
| 12 | 5 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

Brig Kolla from Majunga towards Salem

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|----------|-------------------|------|---|
| 1 | 5 | | NbN | West | | Comes in with gentle breezes from the Westward, all sail set to the best advantage - |
| 2 | 5 | | | | | |
| 3 | 5 | | | | | |
| 4 | 5 | | | | | |
| 5 | 5 | | | | | |
| 6 | 5 | | | N S N | | |
| 7 | 6 | | NbN | | | Throughout the night strong breezes and a rough sea on - At 7 am came on squally - Took in all Light sails & double reefed Top Sails - Sharp lightening from the S.W. and heavy looking weather - Ends with fresh Gales & heavy squalls - (No. Obs.) |
| 8 | 6 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 8 | | | from West to S.W. | | |
| 12 | 8 | | | | | |
| 1 | 8 | | | | | |
| 2 | 8 | | | | | |
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| 4 | 8 | | | | | |
| 5 | 8 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | | | | | |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. |
|----|----|-------|-------------------------|--------|-------|---|
| 1 | 7 | | NbN | N to | | Comes in with fresh gales & heavy squalls - At 4 P.M. the wind shifted from N S N to N W in a very heavy squall - in all light sails - Close reefed the main Top Sail & furler the fore Top Sail, & hove to under close reefed main Top Sail & double reefed Try Sail - |
| 2 | 7 | | | N S N | | |
| 3 | 5 | | | | | |
| 4 | 4 | | | | | |
| 5 | " | | Sying to up N N E | | 6 | |
| 6 | " | | off N E | | | |
| 7 | " | | Drift one mile per hour | | | |
| 8 | " | | | | 6 1/2 | |
| 9 | " | | | | | |
| 10 | " | | a. a. | | | |
| 11 | " | | | | 7 | |
| 12 | " | | | | | |
| 1 | " | | | | | Terminates as above - |
| 2 | " | | | | | |
| 3 | " | | | | | |
| 4 | " | | | | | |
| 5 | " | | | | | |
| 6 | " | | a. a. | | | Lat. Obs. 33° 03' North Long. per Obs. 69° 35' West |
| 7 | " | | | | | |
| 8 | " | | up North off N N E | | | |
| 9 | " | | Drift 2 miles per hour | | | |
| 10 | " | | | | | |
| 11 | " | | | | | |
| 12 | " | | | | | |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
|---------|-------|------------|------|---------------|-------------|--------|-------------|-----------|--------------|
| | | | | | | | | | |

from

towards

| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
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| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
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| H. | K. | H.K. | Courses. | Winds. | Lee. | Remarks. |
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| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
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| <i>from</i> | | | | | | <i>towards</i> | | | | | |
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| Course. | | | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
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| H. | K. | H. K. | Courses. | Winds. | Lee. | Remarks. | | | | | |
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| Course. | | | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in. | Long. by Ob. |
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116 blank pages follow

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